

# Neo-Assyrian Cuneiform

by

# Ashur Cherry

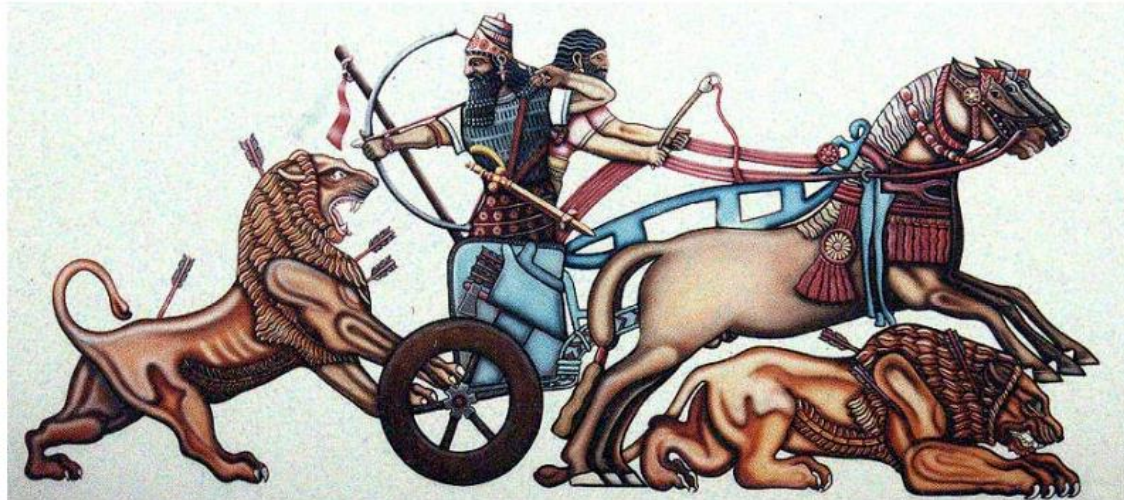







**NAM.DUB.SAR<sup>RA</sup>**   **AMA**   **GÙ.DÉ-KE<sub>4</sub>.E.NE**   **A.A**   **UM.ME.A-KE<sub>4</sub>.EŠ**

**“Writing is the mother of speakers, the father of scholars”**





# Neo-Assyrian Cuneiform



**Ashur Cherry**

**York University**

**Toronto, Ontario**

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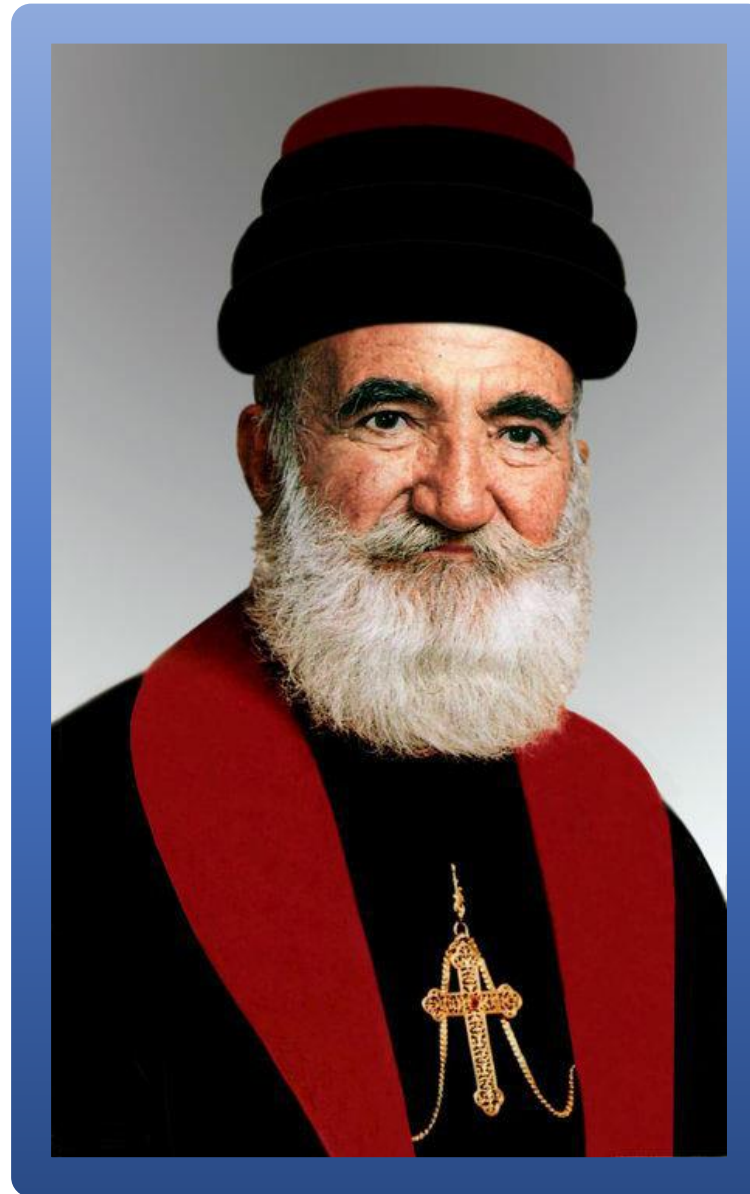
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## Acknowledgement

Apart from the efforts of myself, the success of any project depends largely on the encouragement of many others. I would like to show my greatest appreciation to my friends, especially late Dr. Goliath Nessian, Mr. Mirza Shmoil, Ms. Iannuzziello, Ms. Zuccarelli, Mr. Durnan, Mr. Storoschuck, Ms. Clarke, Mr. Stuart, and Miss Smith for the encouragement that I have always received from them in publishing my previous books, journal entries and developing my software. Also, I am personally would like to thank my late father, Petros Cherry, for he always supported and encouraged me while working on Assyriological projects.

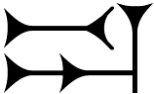

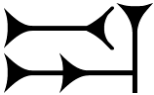













**I dedicate this book in memory of His Holiness † Mar Yousip Khnanisho**  
**Archbishop of Shamisdin and Rustaqa**






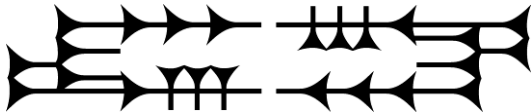

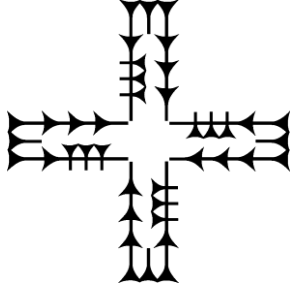


**Seventy-Two Years of Dedication Toward His People, Church and Assyrian Nation**  
**Thursday, May 18, 1893 (Mar Ishoo, Turkey) – Sunday, July 3, 1977 (Baghdad, Iraq)**

Modifiers Overview

Modifier	Meaning	Sign	Example
-gunû	extra wedges	DU 	DU-gunû 
-šeššig	added še-sign	DU 	DU-šeššig 
-tenû	slanting	LÚ 	LÚ-tenû 
-nutillû	unfinished	SAG 	SAG-nutillû 
-zidatenû	slanting right	AŠ 	AŠ-zidatenû 
-kabatenû	slanting left	AŠ 	AŠ-kabatenû 
-<digits>°	rotated	NAGA 	NAGA-180° 

Operators Overview

Operator	Meaning	Example	Sign
.	beside	DU . DU	
×	containing	KA×IM	
×	containing/group	GÁ× (AN . GAG . A)	
&	above	DU&DU	
⊗	crossing	(AŠ&AŠ&AŠ) ⊗ (AŠ&AŠ&AŠ)	
@	opposing	LUGAL@LUGAL	
3×	repeated	3×AN	
4×	repeated	4×LÚ	





Sign Name

Sign

Syllabic Value(s)

Example

PA.IB



ḥamanzer; sab; sap; sip<sub>4</sub>; sípa; šab; šaba; šap; šìb; šìp; šùb; šùp

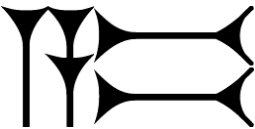




ai; aia; aya; aye; ayi; ayu; ayya; ayye; ayyi; ayyu; iya; iyi; iyu; iyya;  
iyyi; iyyu; ya<sub>x</sub>

a<sub>4</sub>; àm; še<sub>7</sub>; šèg; šèĝ; šem<sub>x</sub>

A.BI



maštaba<sub>x</sub>

A.DU



a-rá; tuše; tuššuru

A.EDIN



erib<sub>x</sub>; eru<sub>4</sub>; erua; erum<sub>4</sub>; ummu<sub>x</sub>; ummud<sub>x</sub>

A.EDIN.A.LAL



ummu



A.EDIN.LAL



ùmmu; ummud

A.GABA.LIŠ.TU



asal<sub>x</sub>

A.GÂN-tenû



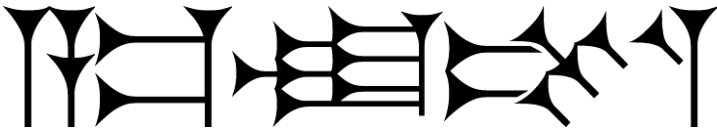
No syllabic value exist

A.GÀR



ugar; a-gàr

A.GIŠ.TU.GABA.LIŠ



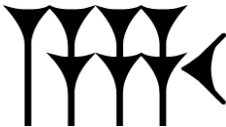
asal<sub>x</sub>

A.GUD×KUR



adar; ildag<sub>x</sub>

A.ḪA



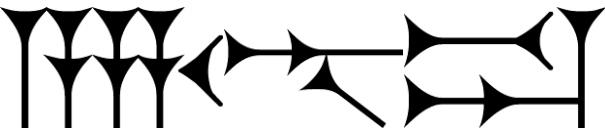
kúar; kúara; saḫ<sub>x</sub>; túba; zaḫ<sub>x</sub>

A.ḪA.A



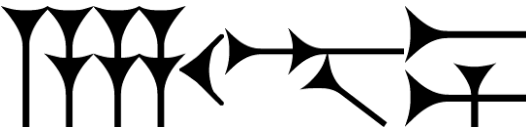
saḫ<sub>x</sub>; zaḫ<sub>x</sub>

A.ḪA.TAR.DU



gìrim; gìrima; gìrimma; gírin; nún

A.ḪA.TAR.KAK



gìrim; nún

A.ḪU.SI



lìq

A.IGI



ér; éra; eseš; èsiš; eš<sub>9</sub>; ír; íra; ísiš; šeš<sub>x</sub>



A. KA

THE

úga; úgu

A. KAL

# THE

ela; ella; illu

A. KÚŠU



ákšak

A . LAGAB . LAGAB



engin

A.LAGAB×A



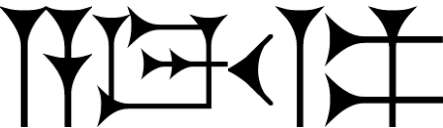
buniĝ<sub>x</sub>; bunin<sub>x</sub>; i<sub>x</sub>

A.LAGAB×ĜAL



i<sub>7</sub>; íd; ída; ít; ita<sub>5</sub>; iti<sub>5</sub>; itu<sub>5</sub>

A.LAGAB×ĜAL.DI



id<sub>7</sub>

A.LAGAB×ĜAL.GAL



id<sub>6</sub>

A.LAGAB×ĦAL.UD.NUN.KI



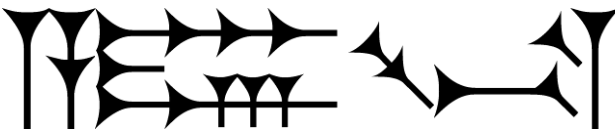
darengal; išuruengal; surengal; surgal; turungal

A.LAGAB×KUL



esir; ešer; kunin<sub>x</sub>; sar<sub>x</sub>

A.LÚ-šeššig.NA



arina<sub>x</sub>; a-rin<sub>4</sub>-na

A.LÙ



a-gar<sub>5</sub>; kunigara<sub>5</sub>



A.LUM



aslum<sub>x</sub>

A.MI.A



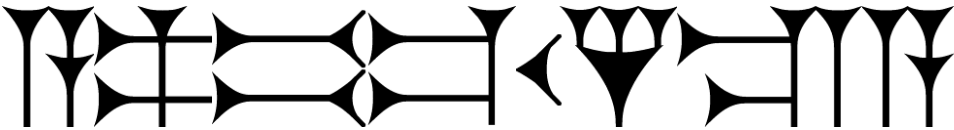
ega

A.MUŠ



še<sub>x</sub>

A.PA.GISAL.PAD.SI.A



a<sup>3</sup>u<sup>3</sup>u; addir; au; iddir; saman<sub>x</sub>

A.PA.BI.SI.A.GA



saman<sub>x</sub>

A.SA



No syllabic value exist

A.SAG



ùgu

A.SIG




epig<sub>x</sub>

A.SU  aktum

# IN

aktum

A.SUD
bir<sub>8</sub>; kašbir<sub>x</sub>


bir<sub>8</sub>; kašbir<sub>x</sub>

A.ŠU.NAGA

tu<sub>17</sub>

# TRUTH

tu<sub>17</sub>

A.ŠÚ.NAGA



šeg<sub>4</sub>

 $\text{seg}_4$



A.TAR.A.AN



ebla

A.ŠE.NUN&NUN



eša; eše<sub>4</sub>

A.TU.GABA



asal<sub>x</sub>

A.TU.GABA.LIŠ



ásal; ásar; ašal<sub>x</sub>; ášar; azal<sub>x</sub>; asal<sub>x</sub>

A . TU . NUN&NUN



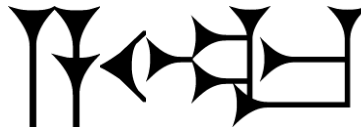
asal<sub>x</sub>; ašal<sub>x</sub>; ašar<sub>x</sub>

A . TUR



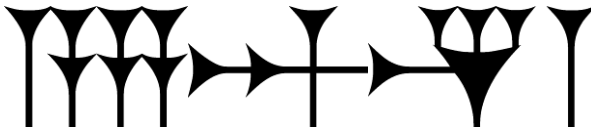
edamu

A . U . KA

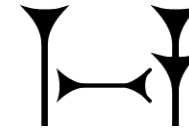


ugu<sub>x</sub>

A . ZA . AN . MÙŠ



aškud<sub>x</sub>

$A \times A$  $A \times B \leq D$ 

A×GÁN-tenû

puzru; ba<sub>11</sub>; bù; bum; bur<sub>x</sub>; buzur<sub>5</sub>; kala; kan<sub>6</sub>; kana<sub>6</sub>; mu<sub>x</sub>; pù; pum; puzur<sub>5</sub>;  
tugure



A×ĦA



saĥ<sub>7</sub>; saĥa<sub>7</sub>; zàĥ; zàĥa

A×IGI



er<sub>6</sub>; ir<sub>6</sub>; ìsiš; šèš

A×LAGAR-gunû



šèdu

A×MUŠ



amuš; amuša; emuš

A×SAG



esag; esaĝ

A.LAGAB×KUL.MÁ.ŠÚ.A



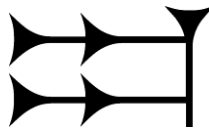
azad; azad<sub>x</sub>

A.U.EDIN.LAL



ummud<sub>x</sub>; ummu<sub>x</sub>

AB



ab; aba; abba; agarin<sub>x</sub>; ap; aš<sub>x</sub>; eri<sub>12</sub>; ès; èsa; èš; èša; eše<sub>x</sub>; èş; èz;  
giraba; iri<sub>12</sub>; ìs; iŝ<sub>7</sub>; ìş; ìz; unu<sub>5</sub>



AB×A

No sign exist

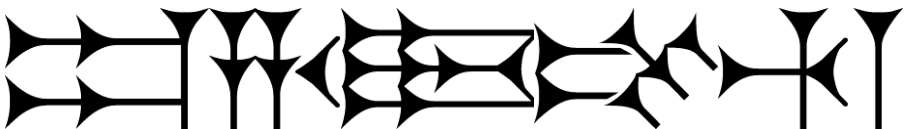
No syllabic value exist

AB.ĦA-gunû



giraba<sub>x</sub>

AB.ĦA.ZAG.GABA.ĦU



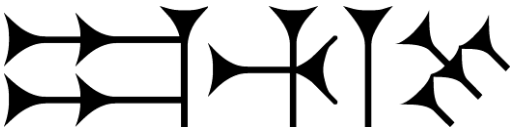
essadu; ešsadu

AB.MÙŠ



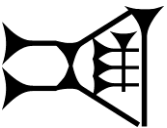
sugal<sub>6</sub>; zabala<sub>6</sub>; zabalam<sub>6</sub>

AB . NAM



ábsin

AB×ÁŠ



ábba

AB×DÙN-gunû



agarin; aġarin

AB×GAL

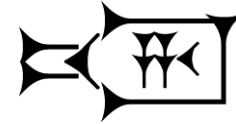


erigal; ešgal; irigal; únugi; urugal

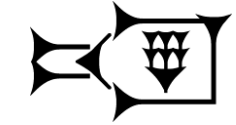
AB×GÁN-tenû



ágarin; áġarin

$$AB \times \bigcup A$$


nanše; našše; nazi; nigin<sub>6</sub>; niĝin<sub>6</sub>; nina; sirara; siraran

 $AB \times I_{MIN}$ 

ešemen<sub>4</sub>; ešemin<sub>4</sub>

AB × LAGAB

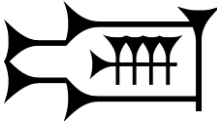
nigin<sub>x</sub>

AB×IGI-gunû



unugi

AB×NUN



No syllabic value exist

AB×NUN-tenû

No sign exist

No syllabic value exist

AB×ŠEŠ



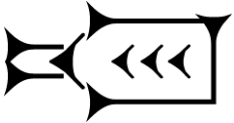
ze<sub>4</sub>; zi<sub>4</sub>

AB×ŠÚ

No sign exist

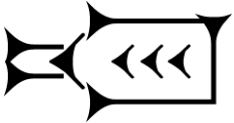
No syllabic value exist

AB×EŠ



erim<sub>x</sub>; gun<sub>x</sub>; gunu<sub>x</sub>; nu<sub>x</sub>; sirara<sub>x</sub>; unu<sub>x</sub>; unug<sub>x</sub>; urugal<sub>x</sub>; uruk<sub>x</sub>

AB-gunû







ab<sub>4</sub>; aba<sub>4</sub>; eri<sub>11</sub>; erim<sub>5</sub>; erin<sub>5</sub>; gun<sub>4</sub>; guna<sub>4</sub>; gunu<sub>4</sub>; iri<sub>11</sub>; írigal; nu<sub>7</sub>; sirara<sub>5</sub>;  
unu; unug; úrugál; uruk




AB-gunû.MÙŠ.ZA



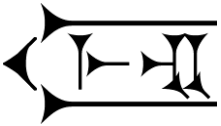
zabala<sub>x</sub>

<p>ÁB</p> <p>áb;áp; le<sub>8</sub>; let; li<sub>8</sub>; lid; lit; liti; liṭ; liṭi; rém; réme; rím; rímu</p>	
<p>ÁB.KU</p> <p>munu<sub>x</sub>; nagad<sub>x</sub>; udul; ùnu; unud; utul; unud<sub>x</sub></p>	
<p>ÁB.LU</p> <p>udul<sub>10</sub>; utul<sub>10</sub></p>	
<p>ÁB.ŠÀ</p> <p>gir<sub>x</sub>; kir<sub>x</sub>; libiš<sub>x</sub>; lipiš<sub>x</sub>; šag<sub>x</sub>; šem<sub>x</sub>; ub<sub>x</sub></p>	



ÁB×A	
No syllabic value exist	
ÁB×BALAG	
lilis; liliz	
ÁB×DÚB	No sign exist
No syllabic value exist	
ÁB×GÁN-tenû	
kir <sub>6</sub> ; qir <sub>6</sub> ; šem <sub>5</sub>	

ÁB× (ME . EN)



meze; šem<sub>4</sub>; ub<sub>6</sub>

ÁB× ŠÀ



gir<sub>9</sub>; kíř; kír<sub>9</sub>; libiš; lipiš; šag<sub>x</sub>; šem<sub>3</sub>; ùb

ÁB× TAK<sub>4</sub>



gir<sub>x</sub>; kír<sub>x</sub>; libiš<sub>x</sub>; šag<sub>x</sub>; šem<sub>6</sub>; ub<sub>5</sub>; uba<sub>5</sub>

ÁB-tenû

No sign exist

No syllabic value exist

ÁB . NUN . ME . DU



ábrig

AD



àb; àba; ad; ada; àp; at; at

AD . É









ad-kid<sub>x</sub>; akkil<sub>x</sub>

AD . KID



ad-kid; ákkil

AD.KU	
akki <sub>x</sub>	
AD×ÉŠ	No sign exist
No syllabic value exist	
AK	
a <sub>5</sub> ; ag; aĝ; ak; aka; aki <sub>x</sub> ; aq; aqa; ké; kî; kîd; me <sub>6</sub> ; nà; ra <sub>6</sub> ; ša <sub>5</sub>	
AK×ÉRIN	
mè; me <sub>x</sub> ; me <sub>6</sub> ; me <sub>11</sub>	

AK× (ŠITA.GIŠ)	No sign exist
AL	 al; àla; il <sub>10</sub> ; màḥ; màḥa
AL.ŠE	 il <sub>x</sub>
AL×AL	 bàl



AL×DÍM	𒀭𒃶𒄀
lidim	
AL×GIŠ	𒀭𒄀𒄁
gišbar; gišmaš; ġešmaš	
AL×ĦA	𒀭𒄀𒄁𒄀
ĥibira	
AL×KÀD	𒀭𒄀𒄁𒄀𒄀
dubal	





$$AL \times KI$$

# THE

bal<sub>4</sub>; dúbal

AL × ŠE

# III

 $il_6$ 

AL × UŠ

híbīs; híbīz; šušbar; šušmaš

ALAN

# INDEX

ál; alag; alaĝ; alala; alam; alan; belili; bíšeba; bíšebi; kàššeba; kàššebi

ALAN&ALAN

No sign exist

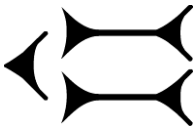
alam<sub>x</sub>

ᵛ



ᵛ; ᵛa; ᵛe; ᵛi; ᵛu; aᵛ; aḥ<sub>4</sub>; eᵛ; éḥ; iᵛ; íḥ; uᵛ; uḥ<sub>5</sub>; umun<sub>4</sub>

AMAR



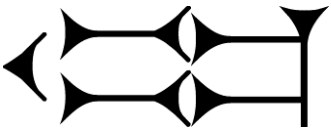
amar; már; mára; marad; sur<sub>x</sub>; śár; şur; şuru; zur

AMAR.DA



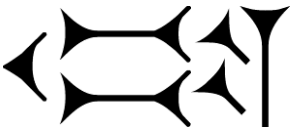
márad

AMAR.GIŠ



No syllabic value exist

AMAR.UD



marduk

AMAR×KUG



No syllabic value exist

AMAR×ŠE



disgur; siskur; siškur; sizkur

AMAR×ŠE . AMAR×ŠE



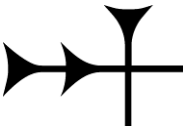
sískur; síškur; sízkur

AMAR-tenû

No sign exist

No syllabic value exist

AN



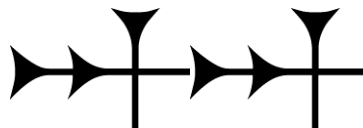
a<sub>11</sub>; am<sub>6</sub>; an; ána; anu; d; dalḥamun<sub>x</sub>; der; dibur; digir; diġir; dimer; dimir;  
dimmer; diner; dingir; dingira; dinir; dīr; èl; éššu; il; ila; ili; ilu; le<sub>4</sub>;  
sa<sub>8</sub>; šubul; šà; usan<sub>x</sub>; za<sub>5</sub>

AN.A.LAGAB×ĤAL



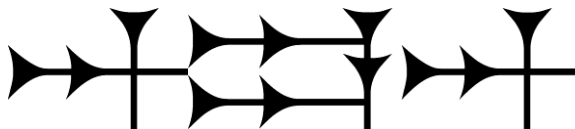
ita<sub>4</sub>; iti<sub>4</sub>; itu<sub>4</sub>

AN.AN



ab<sub>x</sub>; nàb; nam<sub>x</sub>

AN.3×AN



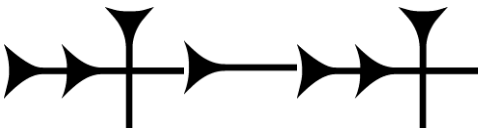
šuhub<sub>x</sub>

AN.AŠ.A.AN



tilla<sub>4</sub>

AN.AŠ.AN



barzil; tílla; tilla<sub>x</sub>

AN.AŠ-zidatenû.AN



tilla<sub>5</sub>

AN.BÁRA



kunigara

AN.DIŠ.AN



tilla

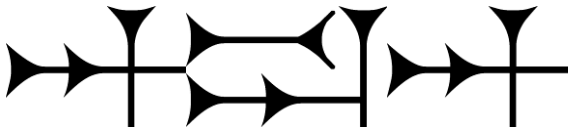


AN . DUGUD



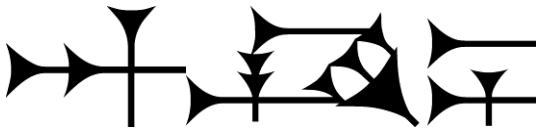
No syllabic value exist

AN . DU . AN



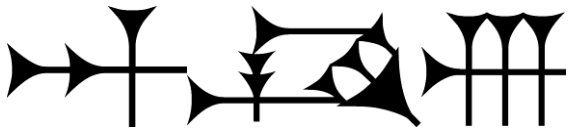
aššan

AN . GÚ × KAK



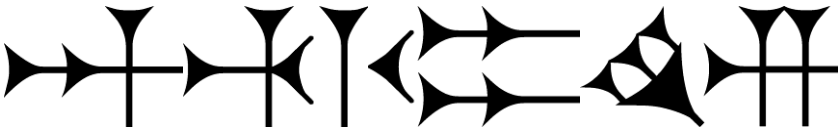
usan<sub>x</sub>

AN . GÚ × NUN



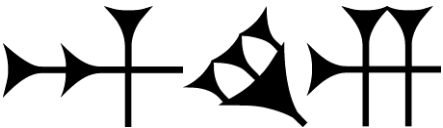
usan<sub>x</sub>

AN.ĜU.MI.IM



anzu<sub>x</sub>; gun<sub>x</sub>

AN.IM



qutra<sub>x</sub>; kutra<sub>x</sub>

AN.IM.DUGUD



anzu; anzud

AN.IM.MI



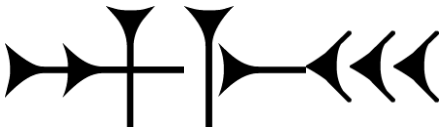
ánzu; ánzud

AN.NÍ.MI



No syllabic value exist

AN.ME.EŠ



ili<sub>7</sub>

AN.MUŠ



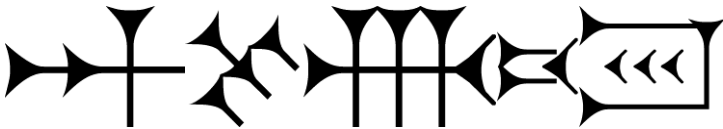
kúnigara

AN.MUŠ.AB



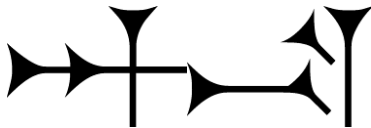
zabala<sub>x</sub>

AN.MÙŠ.AB-gunû



zabala<sub>x</sub>

AN.NA



an-na; nagga; nanga<sub>5</sub>; niggi; niggin

AN.NAGA



nanibgal

AN.SAL.TÚG.IB



ligidba<sub>x</sub>

AN.SAG-gunû



şillu; şil

AN.ŠE.NAGA



nánibgal

AN.TU



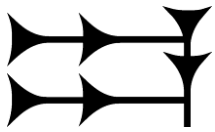
kùnigara

AN.ZAG



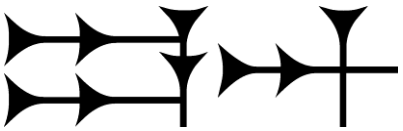
uzug<sub>x</sub>

AN&AN



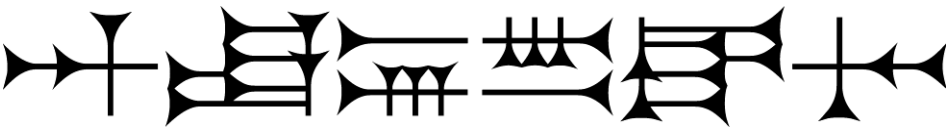
nab; nap; tilla<sub>x</sub>

3×AN



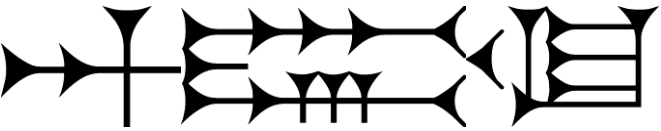
kùnga; kùngi; mul; mulu; mun<sub>x</sub>; náp; súhub; šúhub; šún

(AN.NAGA) @ (AN.NAGA)



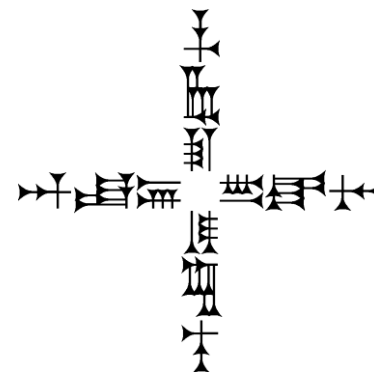
dalḫamun<sub>5</sub>

AN.ŠEŠ.KI



nánna

4 × (AN . NAGA)

dalhamun<sub>4</sub>

ANŠE



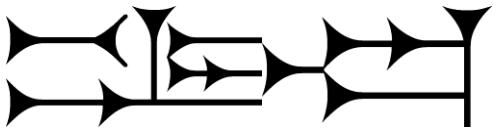
anše; anši; anšu; sumugan; šàkan

ANŠE . AN



šakan<sub>4</sub>

ANŠE . ARAD



du<sub>25</sub>; dùr; dùru; šaggin<sub>x</sub>; šakkan<sub>6</sub>

ANŠE . IGI . DIB



dusu<sub>x</sub>

ANŠE . IGI . ÉŠ



dúsi; dússa; dúsu

ANŠE . KUR



sisi<sub>x</sub>



ANŠE.KUR.RA



sisī

ANŠE.PA



anše<sub>x</sub>; anšu<sub>x</sub>; sumugan<sub>x</sub>; šakan<sub>x</sub>

ANŠE.SAL



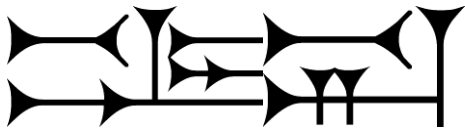
eme<sub>6</sub>

ANŠE×ŠÀ

No sign exist

šakkan<sub>x</sub>

ANŠE.UŠ



dur<sub>x</sub>

APIN



àbsin; àbšin; apin; apina; bin; engar; engara; ereš<sub>4</sub>; eriš<sub>4</sub>; pin; ur<sub>11</sub>; uru<sub>4</sub>;  
uš<sub>8</sub>

ARAD



wardu; arad; arda; èr; erad; èri; eru; erum; ìr; irda; ninta<sub>x</sub>; níntaḥ; níta;  
nítaḥ; subur<sub>x</sub>; subarrum<sub>x</sub>; šúbur; urda; urdu; wàr

ARAD.ANŠE



dur<sub>x</sub>

ARAD.KU



gala<sub>x</sub>

ARAD.RA



era

ARAD×KUR





árad; er<sub>11</sub>; ge<sub>24</sub>; gème; gèreš; gìriš; ir<sub>11</sub>; kiraš; nita<sub>x</sub>; úrda; úrdu

ARKAB



argab; arkab; irkab

ÁRKAB	No sign exist
árkab	
ÁRKAB.IB	No sign exist
arkab <sub>x</sub>	
ÁSAL	
ásal; ásar; ašal <sub>x</sub> ; ášar; azal <sub>x</sub> ; asal <sub>x</sub>	
AŠ.AŠ	
didli; màn; min <sub>5</sub>	

AŠ



àna; às; aš; aša; ašša; àş; àz; dâl; del; dele; deli; déš; dil; dili; díš;  
eš<sub>18</sub>; eš<sub>20</sub>; ge<sub>15</sub>; geš<sub>4</sub>; in<sub>6</sub>; ina; líri; líru; lírum; mákaš; mákkaš; rám; rim<sub>5</sub>;  
rù; rum; sagtag; sagtak; saġtak; salugub; santa; santag; santak; simed; šúp;  
tâl; teš; til<sub>4</sub>; ȝil; zu<sub>x</sub>

AŠ.AŠ.AŠ



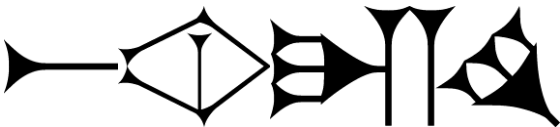
eš<sub>6</sub>

AŠ.GÁN



iku<sub>x</sub>

AŠ.ĤI×DIŠ.GI<sub>4</sub>



aski; ašgi

AŠ.SUR



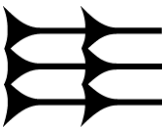
aš-šur

AŠ&AŠ&AŠ

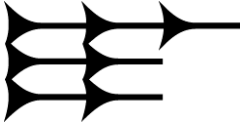
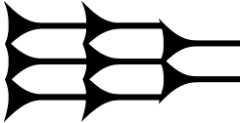
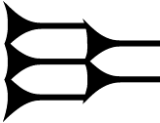



eš<sub>16</sub>; šušur

AŠ&AŠ&AŠ.AŠ&AŠ&AŠ



aš<sub>9</sub>

AŠ&AŠ&AŠ.AŠ&AŠ&AŠ.AŠ	
imin; imina; umun <sub>9</sub>	
AŠ&AŠ&AŠ.AŠ&AŠ&AŠ.TAB	
ùssa; ùssu	
AŠ&AŠ&AŠ.TAB	
ia <sub>9</sub>	
AŠ&AŠ.TÚG&TÚG.TÚG&TÚG.PAP	
gašmu	

AŠ&AŠ&AŠ.AŠ



limmu<sub>4</sub>; limu<sub>4</sub>

AŠ&AŠ&AŠ%AŠ&AŠ&AŠ



kad<sub>8</sub>; šúšur

AŠGAB



ašgab; erib; irib; šigagu; šikangu

AŠ-kabatenû



ulil<sub>x</sub>; utaqa<sub>x</sub>; uzalag<sub>x</sub>; uzalak<sub>x</sub>



AŠ-kabatenû&AŠ-kabatenû&  
AŠ-kabatenû&AŠ-kabatenû

No sign exist

bag<sub>4</sub>; sum<sub>x</sub>

AŠ-zidatenû



aš-tenû; aš<sub>11</sub>; deš<sub>5</sub>; del<sub>4</sub>; dele<sub>4</sub>; dil<sub>4</sub>; dili<sub>4</sub>; eš<sub>18</sub>; ge<sub>23</sub>; iš<sub>8</sub>; sàgtag; sàgtak;  
sàġtak; sànta; sàntag; sàntak; ubu; upu<sub>x</sub>; uzaglāl

AŠ-zidatenû&AŠ-zidatenû&  
AŠ-zidatenû&AŠ-zidatenû

No sign exist

kad<sub>6</sub>; sîb; sîp; sum<sub>5</sub>; šîb<sub>4</sub>; şib; şibi; şip; zeb; zib; zip; zúb

ÁŠ



ás; ása; ás; áš; áša; áş; áz; baeš; baneš; dàš; deššu; tàš; úd; udeššu; út;  
utu<sub>5</sub>

ÁŠ . GÀR



ešgar

ÁŠ. U

banlimmu

ÁŠ . U&U



bania

ÀŠ



áš; áša; aś; áš; áša; áş; áz; baeš; baneš; dàš; deššu; tàš; úd; udeššu; út;  
 utu<sub>5</sub>



# 

liri<sub>5</sub>; liru<sub>5</sub>; lrum<sub>5</sub>

# THE

Á. KAL

# History



Á. MÙŠ



áš kud

Á. MÙŠ-gunû

四十五

aškud

Á. PA

# ERIK

ázag

Á. SAL


$$\text{arhuš}_6$$

Á. TUR


$$\text{ar}\mathfrak{h}\mathfrak{u}\check{\mathfrak{s}}_5$$

Á.U.KID



ašita; ašte

Á.UD.DU



eḥe; eḥi

Á.ZA.MÙŠ



## No syllabic value exist

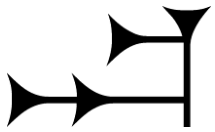
Á.ZA.MÙŠ-gunû



ašku<sub>x</sub>d



BA



ba; be<sub>4</sub>; bi<sub>6</sub>; libit; pá; wá

BAD



ba<sub>9</sub>; bad; bada; bara<sub>4</sub>; bat; bata; baṭ; be; bi<sub>4</sub>; bíd; bít; diḥi; dim<sub>7</sub>; edim;  
eš<sub>7</sub>; idin; mát; me<sub>4</sub>; med; met; meṭ; mit; miti; mitu; miṭ; múd; mút; pa<sub>x</sub>; pád;  
pát; páṭ; pè; pét; pì; pí d; pít; qìt; sugin; sungin; şış; ti<sub>5</sub>; tile; ṭíl;  
ulal; zar<sub>5</sub>; zara<sub>5</sub>; zaz; zis; ziz; zu<sub>4</sub>; zuru<sub>9</sub>

BAD×DIŠ-tenû

No sign exist

No syllabic value exist

BAD.AŠ



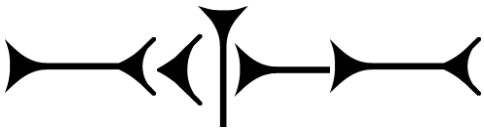
zar<sub>6</sub>; zara<sub>6</sub>; zuru<sub>10</sub>

BAD.BAD



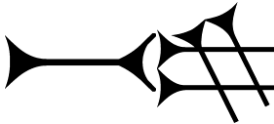
dábda

BAD.IGI.BAD



bur<sub>x</sub>; buru<sub>x</sub>; gurin<sub>x</sub>; gúrun; kurun<sub>x</sub>

BAD.KASKAL



sagmaš; saĝmaš; zanbur

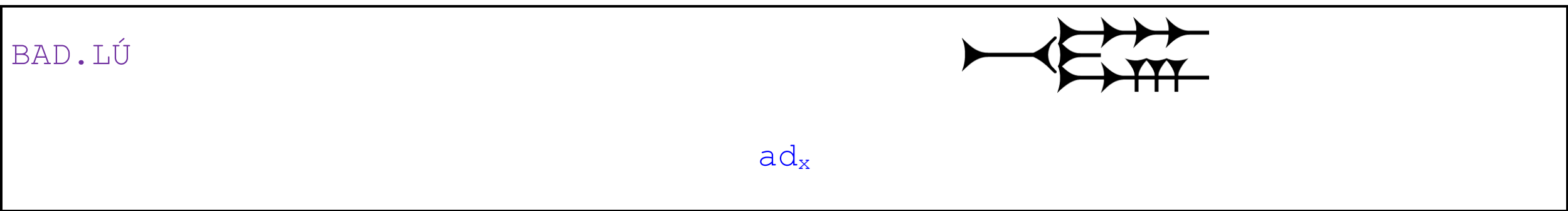


BAD.LÚ

$\text{ad}_x$

BAD.LÚ

$\text{ad}_x$

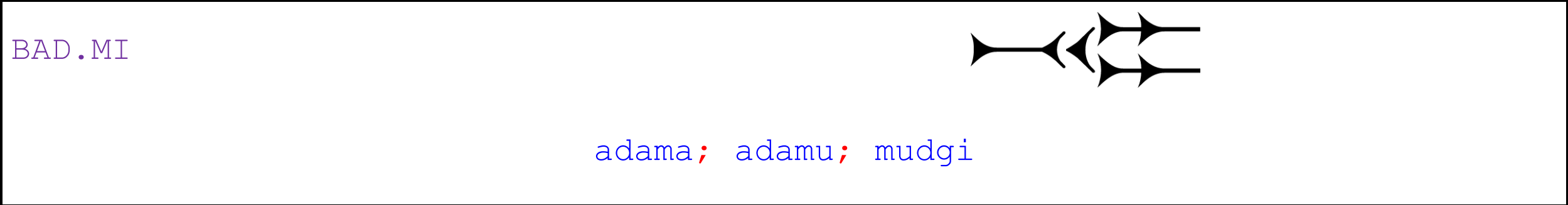


BAD.MI

adama; adamu; mudgi

BAD.MI

adama; adamu; mudgi



BAD.UD

lugud

BAD.UD

lugud

BAD.X  X

BAD.X  X



BÀĞ

No sign exist

bàg; bàk

BÁḤAR



alur<sub>x</sub>; báḥar; lil<sub>7</sub>; lillu; muštaptin; nunurra; nunurru

BÁḤAR×ÁB

No sign exist

No syllabic value exist

BÁḤAR×NI

No sign exist

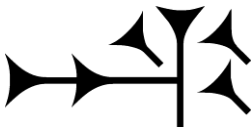
No syllabic value exist

BÁḤAR×ZA

No sign exist

No syllabic value exist

BAL



bal; bala; balak; bùl; kul<sub>x</sub>; pal; pala<sub>4</sub>; pùl

BAL&BAL

No sign exist

minbulug<sub>x</sub>

BALAG



balag; balaĝ; bulug<sub>5</sub>; buluĝ<sub>5</sub>; bulun<sub>x</sub>; búm; gud<sub>10</sub>; gudu<sub>10</sub>; lumḥa; taka<sub>x</sub>

BALAG.A



hurin<sub>x</sub>

BALAG.LUL



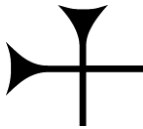
tegi; tigi; tigu

BALAG.TUR



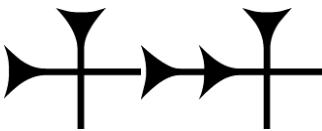
zabitung

BAR



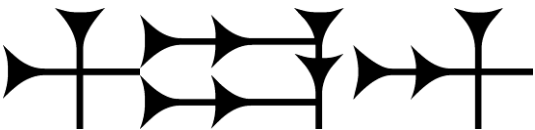
ba<sub>15</sub>; bar; bara; bare; pár; pára; sutu; war

BAR.AN



kúnga; kúngi; kunga; kungi; kùnga; kùngi

BAR.AN&AN.AN



kunga<sub>x</sub>

BAR×AN

No sign exist

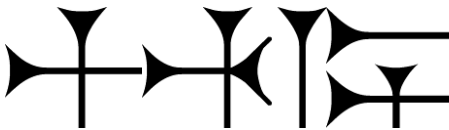
kunga; kungi; kúnga; kúngi; kùnga; kùngi

BAR.EDIN



baḥar<sub>4</sub>

BAR.ḪU.KAK



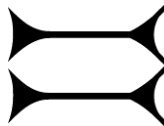
nunmeli

BÁRA



bár; bára; barag; par<sub>6</sub>; para<sub>10</sub>; parag; ša<sub>23</sub>; šar<sub>6</sub>; šara

BI



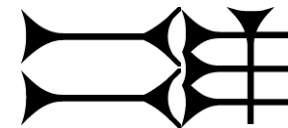
bé; bi; biz; dug<sub>x</sub>; ebir<sub>x</sub>; épir; ešemen<sub>5</sub>; ešemin<sub>5</sub>; gaš; ḫubur<sub>x</sub>; ka<sub>8</sub>; kás; kaš;  
káš; pé; pí; sa<sub>18</sub>; siris<sub>4</sub>; su<sub>15</sub>; ša<sub>21</sub>; šu<sub>13</sub>

BI.A.SUD



kaš-bir<sub>8</sub>; kašbir; ulušin<sub>x</sub>

BI.ZÍZ



kašulušin<sub>x</sub>

BI.ZÍZ.A.AN



kašulušin

BI.ZÍZ.AN



kašulušin

BI.ZÍZ.AN.NA



kašúlušin

BI.DAR



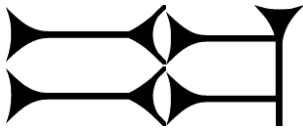
lunga<sub>x</sub>

BI.DIN



kurun

BI.GIŠ



No syllabic value exist

BI.LUL



kušum; šaqa; šaqu; šaqu



BI.MI



kurun<sub>5</sub>; siris<sub>5</sub>

BI.Ú.SA



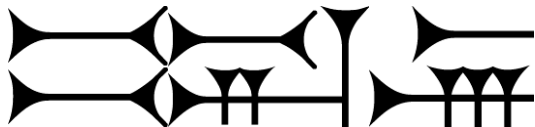
dida; kašdida; piḥu<sub>4</sub>

BI.Ú.SA.KA.DÙ



piḥu

BI.UŠ.SA



dída; kašdída; piḥu<sub>5</sub>

BI×A



No syllabic value exist

BI×GAR



bàppir; bàppira; lunga<sub>x</sub>

BI×IGI-gunû



šèmbi; šìmbi

BU&BU.AB



sirsir

BU



bu; bur<sub>12</sub>; dim<sub>13</sub>; dul<sub>10</sub>; dur<sub>7</sub>; gazibu; gazimbi; gazinbi; gazinbu; gi<sub>27</sub>; gíd;  
gída; gìdi; gìdim; gim<sub>7</sub>; gít; gít; gúz; ildum<sub>x</sub>; kid<sub>10</sub>; kìm; kit<sub>10</sub>; madal;  
madla; madlu; malla; mudla; mudlu; mùdra; mùdru; mudul; mulla; mullu; nùn;  
pi<sub>8</sub>; pu; qíd; qít; ra<sub>5</sub>; sér; si<sub>x</sub>; sír; su<sub>13</sub>; sud<sub>4</sub>; sug<sub>x</sub>; sur<sub>x</sub>; sùš; šaški;  
šašku; šér; šír; šúd; tur<sub>8</sub>

BU&BU.UN

No sign exist

gutir; kide

(BU&BU) ×NÁ

No sign exist

No syllabic value exist

BU%BU



unu<sub>12</sub>

BU-90°

No sign exist

No syllabic value exist

BU.NUN.ŠE.ÉŠ



saman<sub>x</sub>

BU.DIN.BALAG.NUN



No syllabic value exist

BU.DIN.BALAG.DAR



No syllabic value exist

BULUG



bu<sub>9</sub>; bulug; buluĝ; magar; magara; mangara; muš<sub>6</sub>; nagar<sub>x</sub>; niĝin<sub>x</sub>

BULUG.NAGAR



minbulug<sub>x</sub>

BULUG&BULUG



mébulug; ménbulug; mínbulug; šembulug; šimbulug

BUR



bur; buru; lim<sub>x</sub>; pur; puru

BURU<sub>5</sub>



bur<sub>5</sub>; buru<sub>5</sub>

BÚR



bál; bu<sub>8</sub>; búl; búlug; búr; búru; du<sub>9</sub>; dun<sub>5</sub>; púl; su<sub>16</sub>; sun<sub>5</sub>; šum<sub>5</sub>; ušu; ušum

BÚR.BÚR



bubbur

BU-gunû



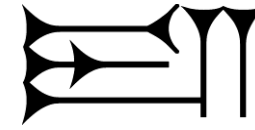
No syllabic value exist

BU-tenû

No sign exist

No syllabic value exist

DA



a<sub>x</sub>; da; di<sub>x</sub>; du<sub>20</sub>; ìdi; le<sub>10</sub>; li<sub>10</sub>; qàb; tá; ɬa

DA. UŠ



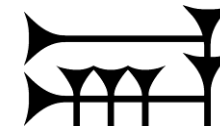
gabra<sub>x</sub>; ragab<sub>x</sub>

DA  $\times$  TAK<sub>4</sub>

## No sign exist

## No syllabic value exist

DAG



bàr; bàra; bárag; da<sub>8</sub>; dag; dak; daq; pàr; pàra; tág; ták; táq; ɬak



DAG.KISIM<sub>5</sub>



šum<sub>x</sub>

DAG.KISIM<sub>5</sub> × (A.MAŠ)



mássa

DAG.KISIM<sub>5</sub> × ÁB

No sign exist

No syllabic value exist

DAG.KISIM<sub>5</sub> × AMAR



gárim; ĝárim

DAG.KISIM <sub>5</sub> ×BALAG	𐎠𐎡𐎢𐎣𐎤𐎥𐎦𐎧𐎨𐎩𐎪𐎫𐎬𐎭𐎮𐎯𐎰𐎱𐎲𐎳𐎴𐎵𐎶𐎷𐎸𐎹𐎺𐎻𐎼𐎽𐎾𐎿𐏀𐏁𐏂𐏃𐏄𐏅𐏆𐏇𐏈𐏉𐏊𐏋𐏌𐏍𐏎𐏏𐏐𐏑𐏒𐏓𐏔𐏕𐏖𐏗𐏘𐏙𐏚𐏛𐏜𐏝𐏞𐏟𐏠𐏡𐏢𐏣𐏤𐏥𐏦𐏧𐏨𐏩𐏪𐏫𐏬𐏭𐏮𐏯𐏰𐏱𐏲𐏳𐏴𐏵𐏶𐏷𐏸𐏹𐏺𐏻𐏼𐏽𐏾𐏿𐐀𐐁𐐂𐐃𐐄𐐅𐐆𐐇𐐈𐐉𐐊𐐋𐐌𐐍𐐎𐐏𐐐𐐑𐐒𐐓𐐔𐐕𐐖𐐗𐐘𐐙𐐚𐐛𐐜𐐝𐐞𐐟𐐠𐐡𐐢𐐣𐐤𐐥𐐦𐐧𐐨𐐩𐐪𐐫𐐬𐐭𐐮𐐯𐐰𐐱𐐲𐐳𐐴𐐵𐐶𐐷𐐸𐐹𐐺𐐻𐐼𐐽𐐾𐐿𐑀𐑁𐑂𐑃𐑄𐑅𐑆𐑇𐑈𐑉𐑊𐑋𐑌𐑍𐑎𐑏𐑐𐑑𐑒𐑓𐑔𐑕𐑖𐑗𐑘𐑙𐑚𐑛𐑜𐑝𐑞𐑟𐑠𐑡𐑢𐑣𐑤𐑥𐑦𐑧𐑨𐑩𐑪𐑫𐑬𐑭𐑮𐑯𐑰𐑱𐑲𐑳𐑴𐑵𐑶𐑷𐑸𐑹𐑺𐑻𐑼𐑽𐑾𐑿𐒀𐒁𐒂𐒃𐒄𐒅𐒆𐒇𐒈𐒉𐒊𐒋𐒌𐒍𐒎𐒏𐒐𐒑𐒒𐒓𐒔𐒕𐒖𐒗𐒘𐒙𐒚𐒛𐒜𐒝𐒞𐒟𐒠𐒡𐒢𐒣𐒤𐒥𐒦𐒧𐒨𐒩𐒪𐒫𐒬𐒭𐒮𐒯𐒰𐒱𐒲𐒳𐒴𐒵𐒶𐒷𐒸𐒹𐒺𐒻𐒼𐒽𐒾𐒿𐓀𐓁𐓂𐓃𐓄𐓅𐓆𐓇𐓈𐓉𐓊𐓋𐓌𐓍𐓎𐓏𐓐𐓑𐓒𐓓𐓔𐓕𐓖𐓗𐓘𐓙𐓚𐓛𐓜𐓝𐓞𐓟𐓠𐓡𐓢𐓣𐓤𐓥𐓦𐓧𐓨𐓩𐓪𐓫𐓬𐓭𐓮𐓯𐓰𐓱𐓲𐓳𐓴𐓵𐓶𐓷𐓸𐓹𐓺𐓻𐓼𐓽𐓾𐓿𐔀𐔁𐔂𐔃𐔄𐔅𐔆𐔇𐔈𐔉𐔊𐔋𐔌𐔍𐔎𐔏𐔐𐔑𐔒𐔓𐔔𐔕𐔖𐔗𐔘𐔙𐔚𐔛𐔜𐔝𐔞𐔟𐔠𐔡𐔢𐔣𐔤𐔥𐔦𐔧𐔨𐔩𐔪𐔫𐔬𐔭𐔮𐔯𐔰𐔱𐔲𐔳𐔴𐔵𐔶𐔷𐔸𐔹𐔺𐔻𐔼𐔽𐔾𐔿𐕀𐕁𐕂𐕃𐕄𐕅𐕆𐕇𐕈𐕉𐕊𐕋𐕌𐕍𐕎𐕏𐕐𐕑𐕒𐕓𐕔𐕕𐕖𐕗𐕘𐕙𐕚𐕛𐕜𐕝𐕞𐕟𐕠𐕡𐕢𐕣𐕤𐕥𐕦𐕧𐕨𐕩𐕪𐕫𐕬𐕭𐕮𐕯𐕰𐕱𐕲𐕳𐕴𐕵𐕶𐕷𐕸𐕹𐕺𐕻𐕼𐕽𐕾𐕿𐖀𐖁𐖂𐖃𐖄𐖅𐖆𐖇𐖈𐖉𐖊𐖋𐖌𐖍𐖎𐖏𐖐𐖑𐖒𐖓𐖔𐖕𐖖𐖗𐖘𐖙𐖚𐖛𐖜𐖝𐖞𐖟𐖠𐖡𐖢𐖣𐖤𐖥𐖦𐖧𐖨𐖩𐖪𐖫𐖬𐖭𐖮𐖯𐖰𐖱𐖲𐖳𐖴𐖵𐖶𐖷𐖸𐖹𐖺𐖻𐖼𐖽𐖾𐖿𐗀𐗁𐗂𐗃𐗄𐗅𐗆𐗇𐗈𐗉𐗊𐗋𐗌𐗍𐗎𐗏𐗐𐗑𐗒𐗓𐗔𐗕𐗖𐗗𐗘𐗙𐗚𐗛𐗜𐗝𐗞𐗟𐗠𐗡𐗢𐗣𐗤𐗥𐗦𐗧𐗨𐗩𐗪𐗫𐗬𐗭𐗮𐗯𐗰𐗱𐗲𐗳𐗴𐗵𐗶𐗷𐗸𐗹𐗺𐗻𐗼𐗽𐗾𐗿𐘀𐘁𐘂𐘃𐘄𐘅𐘆𐘇𐘈𐘉𐘊𐘋𐘌𐘍𐘎𐘏𐘐𐘑𐘒𐘓𐘔𐘕𐘖𐘗𐘘𐘙𐘚𐘛𐘜𐘝𐘞𐘟𐘠𐘡𐘢𐘣𐘤𐘥𐘦𐘧𐘨𐘩𐘪𐘫𐘬𐘭𐘮𐘯𐘰𐘱𐘲𐘳𐘴𐘵𐘶𐘷𐘸𐘹𐘺𐘻𐘼𐘽𐘾𐘿𐙀𐙁𐙂𐙃𐙄𐙅𐙆𐙇𐙈𐙉𐙊𐙋𐙌𐙍𐙎𐙏𐙐𐙑𐙒𐙓𐙔𐙕𐙖𐙗𐙘𐙙𐙚𐙛𐙜𐙝𐙞𐙟𐙠𐙡𐙢𐙣𐙤𐙥𐙦𐙧𐙨𐙩𐙪𐙫𐙬𐙭𐙮𐙯𐙰𐙱𐙲𐙳𐙴𐙵𐙶𐙷𐙸𐙹𐙺𐙻𐙼𐙽𐙾𐙿𐚀𐚁𐚂𐚃𐚄𐚅𐚆𐚇𐚈𐚉𐚊𐚋𐚌𐚍𐚎𐚏𐚐𐚑𐚒𐚓𐚔𐚕𐚖𐚗𐚘𐚙𐚚𐚛𐚜𐚝𐚞𐚟𐚠𐚡𐚢𐚣𐚤𐚥𐚦𐚧𐚨𐚩𐚪𐚫𐚬𐚭𐚮𐚯𐚰𐚱𐚲𐚳𐚴𐚵𐚶𐚷𐚸𐚹𐚺𐚻𐚼𐚽𐚾𐚿𐛀𐛁𐛂𐛃𐛄𐛅𐛆𐛇𐛈𐛉𐛊𐛋𐛌𐛍𐛎𐛏𐛐𐛑𐛒𐛓𐛔𐛕𐛖𐛗𐛘𐛙𐛚𐛛𐛜𐛝𐛞𐛟𐛠𐛡𐛢𐛣𐛤𐛥𐛦𐛧𐛨𐛩𐛪𐛫𐛬𐛭𐛮𐛯𐛰𐛱𐛲𐛳𐛴𐛵𐛶𐛷𐛸𐛹𐛺𐛻𐛼𐛽𐛾𐛿𐜀𐜁𐜂𐜃𐜄𐜅𐜆𐜇𐜈𐜉𐜊𐜋𐜌𐜍𐜎𐜏𐜐𐜑𐜒𐜓𐜔𐜕𐜖𐜗𐜘𐜙𐜚𐜛𐜜𐜝𐜞𐜟𐜠𐜡𐜢𐜣𐜤𐜥𐜦𐜧𐜨𐜩𐜪𐜫𐜬𐜭𐜮𐜯𐜰𐜱𐜲𐜳𐜴𐜵𐜶𐜷𐜸𐜹𐜺𐜻𐜼𐜽𐜾𐜿𐝀𐝁𐝂𐝃𐝄𐝅𐝆𐝇𐝈𐝉𐝊𐝋𐝌𐝍𐝎𐝏𐝐𐝑𐝒𐝓𐝔𐝕𐝖𐝗𐝘𐝙𐝚𐝛𐝜𐝝𐝞𐝟𐝠𐝡𐝢𐝣𐝤𐝥𐝦𐝧𐝨𐝩𐝪𐝫𐝬𐝭𐝮𐝯𐝰𐝱𐝲𐝳𐝴𐝵𐝶𐝷𐝸𐝹𐝺𐝻𐝼𐝽𐝾𐝿𐞀𐞁𐞂𐞃𐞄𐞅𐞆𐞇𐞈𐞉𐞊𐞋𐞌𐞍𐞎𐞏𐞐𐞑𐞒𐞓𐞔𐞕𐞖𐞗𐞘𐞙𐞚𐞛𐞜𐞝𐞞𐞟𐞠𐞡𐞢𐞣𐞤𐞥𐞦𐞧𐞨𐞩𐞪𐞫𐞬𐞭𐞮𐞯𐞰𐞱𐞲𐞳𐞴𐞵𐞶𐞷𐞸𐞹𐞺𐞻𐞼𐞽𐞾𐞿𐟀𐟁𐟂𐟃𐟄𐟅𐟆𐟇𐟈𐟉𐟊𐟋𐟌𐟍𐟎𐟏𐟐𐟑𐟒𐟓𐟔𐟕𐟖𐟗𐟘𐟙𐟚𐟛𐟜𐟝𐟞𐟟𐟠𐟡𐟢𐟣𐟤𐟥𐟦𐟧𐟨𐟩𐟪𐟫𐟬𐟭𐟮𐟯𐟰𐟱𐟲𐟳𐟴𐟵𐟶𐟷𐟸𐟹𐟺𐟻𐟼𐟽𐟾𐟿𐠀𐠁𐠂𐠃𐠄𐠅𐠆𐠇𐠈𐠉𐠊𐠋𐠌𐠍𐠎𐠏𐠐𐠑𐠒𐠓𐠔𐠕𐠖𐠗𐠘𐠙𐠚𐠛𐠜𐠝𐠞𐠟𐠠𐠡𐠢𐠣𐠤𐠥𐠦𐠧𐠨𐠩𐠪𐠫𐠬𐠭𐠮𐠯𐠰𐠱𐠲𐠳𐠴𐠵𐠶𐠷𐠸𐠹𐠺𐠻𐠼𐠽𐠾𐠿𐡀𐡁𐡂𐡃𐡄𐡅𐡆𐡇𐡈𐡉𐡊𐡋𐡌𐡍𐡎𐡏𐡐𐡑𐡒𐡓𐡔𐡕𐡖𐡗𐡘𐡙𐡚𐡛𐡜𐡝𐡞𐡟𐡠𐡡𐡢𐡣𐡤𐡥𐡦𐡧𐡨𐡩𐡪𐡫𐡬𐡭𐡮𐡯𐡰𐡱𐡲𐡳𐡴𐡵𐡶𐡷𐡸𐡹𐡺𐡻𐡼𐡽𐡾𐡿𐢀𐢁𐢂𐢃𐢄𐢅𐢆𐢇𐢈𐢉𐢊𐢋𐢌𐢍𐢎𐢏𐢐𐢑𐢒𐢓𐢔𐢕𐢖𐢗𐢘𐢙𐢚𐢛𐢜𐢝𐢞𐢟𐢠𐢡𐢢𐢣𐢤𐢥𐢦𐢧𐢨𐢩𐢪𐢫𐢬𐢭𐢮𐢯𐢰𐢱𐢲𐢳𐢴𐢵𐢶𐢷𐢸𐢹𐢺𐢻𐢼𐢽𐢾𐢿𐣀𐣁𐣂𐣃𐣄𐣅𐣆𐣇𐣈𐣉𐣊𐣋𐣌𐣍𐣎𐣏𐣐𐣑𐣒𐣓𐣔𐣕𐣖𐣗𐣘𐣙𐣚𐣛𐣜𐣝𐣞𐣟𐣠𐣡𐣢𐣣𐣤𐣥𐣦𐣧𐣨𐣩𐣪𐣫𐣬𐣭𐣮𐣯𐣰𐣱𐣲𐣳𐣴𐣵𐣶𐣷𐣸𐣹𐣺𐣻𐣼𐣽𐣾𐣿𐤀𐤁𐤂𐤃𐤄𐤅𐤆𐤇𐤈𐤉𐤊𐤋𐤌𐤍𐤎𐤏𐤐𐤑𐤒𐤓𐤔𐤕𐤖𐤗𐤘𐤙𐤚𐤛𐤜𐤝𐤞𐤟𐤠𐤡𐤢𐤣𐤤𐤥𐤦𐤧𐤨𐤩𐤪𐤫𐤬𐤭𐤮𐤯𐤰𐤱𐤲𐤳𐤴𐤵𐤶𐤷𐤸𐤹𐤺𐤻𐤼𐤽𐤾𐤿𐥀𐥁𐥂𐥃𐥄𐥅𐥆𐥇𐥈𐥉𐥊𐥋𐥌𐥍𐥎𐥏𐥐𐥑𐥒𐥓𐥔𐥕𐥖𐥗𐥘𐥙𐥚𐥛𐥜𐥝𐥞𐥟𐥠𐥡𐥢𐥣𐥤𐥥𐥦𐥧𐥨𐥩𐥪𐥫𐥬𐥭𐥮𐥯𐥰𐥱𐥲𐥳𐥴𐥵𐥶𐥷𐥸𐥹𐥺𐥻𐥼𐥽𐥾𐥿𐦀𐦁𐦂𐦃𐦄𐦅𐦆𐦇𐦈𐦉𐦊𐦋𐦌𐦍𐦎𐦏𐦐𐦑𐦒𐦓𐦔𐦕𐦖𐦗𐦘𐦙𐦚𐦛𐦜𐦝𐦞𐦟𐦠𐦡𐦢𐦣𐦤𐦥𐦦𐦧𐦨𐦩𐦪𐦫𐦬𐦭𐦮𐦯𐦰𐦱𐦲𐦳𐦴𐦵𐦶𐦷𐦸𐦹𐦺𐦻𐦼𐦽𐦾𐦿𐧀𐧁𐧂𐧃𐧄𐧅𐧆𐧇𐧈𐧉𐧊𐧋𐧌𐧍𐧎𐧏𐧐𐧑𐧒𐧓𐧔𐧕𐧖𐧗𐧘𐧙𐧚𐧛𐧜𐧝𐧞𐧟𐧠𐧡𐧢𐧣𐧤𐧥𐧦𐧧𐧨𐧩𐧪𐧫𐧬𐧭𐧮𐧯𐧰𐧱𐧲𐧳𐧴𐧵𐧶𐧷𐧸𐧹𐧺𐧻𐧼𐧽𐧾𐧿𐨀𐨁𐨂𐨃𐨄𐨅𐨆𐨇𐨈𐨉𐨊𐨋𐨌𐨍𐨎𐨏𐨐𐨑𐨒𐨓𐨔𐨕𐨖𐨗𐨘𐨙𐨚𐨛𐨜𐨝𐨞𐨟𐨠𐨡𐨢𐨣𐨤𐨥𐨦𐨧𐨨𐨩𐨪𐨫𐨬𐨭𐨮𐨯𐨰𐨱𐨲𐨳𐨴𐨵𐨶𐨷𐨹𐨺𐨸𐨻𐨼𐨽𐨾𐨿𐩀𐩁𐩂𐩃𐩄𐩅𐩆𐩇𐩈𐩉𐩊𐩋𐩌𐩍𐩎𐩏𐩐𐩑𐩒𐩓𐩔𐩕𐩖𐩗𐩘𐩙𐩚𐩛𐩜𐩝𐩞𐩟𐩠𐩡𐩢𐩣𐩤𐩥𐩦𐩧𐩨𐩩𐩪𐩫𐩬𐩭𐩮𐩯𐩰𐩱𐩲𐩳𐩴𐩵𐩶𐩷𐩸𐩹𐩺𐩻𐩼𐩽𐩾𐩿𐪀𐪁𐪂𐪃𐪄𐪅𐪆𐪇𐪈𐪉𐪊𐪋𐪌𐪍𐪎𐪏𐪐𐪑𐪒𐪓𐪔𐪕𐪖𐪗𐪘𐪙𐪚𐪛𐪜𐪝𐪞𐪟𐪠𐪡𐪢𐪣𐪤𐪥𐪦𐪧𐪨𐪩𐪪𐪫𐪬𐪭𐪮𐪯𐪰𐪱𐪲𐪳𐪴𐪵𐪶𐪷𐪸𐪹𐪺𐪻𐪼𐪽𐪾𐪿𐫀𐫁𐫂𐫃𐫄𐫅𐫆𐫇𐫈𐫉𐫊𐫋𐫌𐫍𐫎𐫏𐫐𐫑𐫒𐫓𐫔𐫕𐫖𐫗𐫘𐫙𐫚𐫛𐫜𐫝𐫞𐫟𐫠𐫡𐫢𐫣𐫤𐫦𐫥𐫧𐫨𐫩𐫪𐫫𐫬𐫭𐫮𐫯𐫰𐫱𐫲𐫳𐫴𐫵𐫶𐫷𐫸𐫹𐫺𐫻𐫼𐫽𐫾𐫿𐬀𐬁𐬂𐬃𐬄𐬅𐬆𐬇𐬈𐬉𐬊𐬋𐬌𐬍𐬎𐬏𐬐𐬑𐬒𐬓𐬔𐬕𐬖𐬗𐬘𐬙𐬚𐬛𐬜𐬝𐬞𐬟𐬠𐬡𐬢𐬣𐬤𐬥𐬦𐬧𐬨𐬩𐬪𐬫𐬬𐬭𐬮𐬯𐬰𐬱𐬲𐬳𐬴𐬵𐬶𐬷𐬸𐬹𐬺𐬻𐬼𐬽𐬾𐬿𐭀𐭁𐭂𐭃𐭄𐭅𐭆𐭇𐭈𐭉𐭊𐭋𐭌𐭍𐭎𐭏𐭐𐭑𐭒𐭓𐭔𐭕𐭖𐭗𐭘𐭙𐭚𐭛𐭜𐭝𐭞𐭟𐭠𐭡𐭢𐭣𐭤𐭥𐭦𐭧𐭨𐭩𐭪𐭫𐭬𐭭𐭮𐭯𐭰𐭱𐭲𐭳𐭴𐭵𐭶𐭷𐭸𐭹𐭺𐭻𐭼𐭽𐭾𐭿𐮀𐮁𐮂𐮃𐮄𐮅𐮆𐮇𐮈𐮉𐮊𐮋𐮌𐮍𐮎𐮏𐮐𐮑𐮒𐮓𐮔𐮕𐮖𐮗𐮘𐮙𐮚𐮛𐮜𐮝𐮞𐮟𐮠𐮡𐮢𐮣𐮤𐮥𐮦𐮧𐮨𐮩𐮪𐮫𐮬𐮭𐮮𐮯𐮰𐮱𐮲𐮳𐮴𐮵𐮶𐮷𐮸𐮹𐮺𐮻𐮼𐮽𐮾𐮿𐯀𐯁𐯂𐯃𐯄𐯅𐯆𐯇𐯈𐯉𐯊𐯋𐯌𐯍𐯎𐯏𐯐𐯑𐯒𐯓𐯔𐯕𐯖𐯗𐯘𐯙𐯚𐯛𐯜𐯝𐯞𐯟𐯠𐯡𐯢𐯣𐯤𐯥𐯦𐯧𐯨𐯩𐯪𐯫𐯬𐯭𐯮𐯯𐯰𐯱𐯲𐯳𐯴𐯵𐯶𐯷𐯸𐯹𐯺𐯻𐯼𐯽𐯾𐯿𐰀𐰁𐰂𐰃𐰄𐰅𐰆𐰇𐰈𐰉𐰊𐰋𐰌𐰍𐰎𐰏𐰐𐰑𐰒𐰓𐰔𐰕𐰖𐰗𐰘𐰙𐰚𐰛𐰜𐰝𐰞𐰟𐰠𐰡𐰢𐰣𐰤𐰥𐰦𐰧𐰨𐰩𐰪𐰫𐰬𐰭𐰮𐰯𐰰𐰱𐰲𐰳𐰴𐰵𐰶𐰷𐰸𐰹𐰺𐰻𐰼𐰽𐰾𐰿𐱀𐱁𐱂𐱃𐱄𐱅𐱆𐱇𐱈𐱉𐱊𐱋𐱌𐱍𐱎𐱏𐱐𐱑𐱒𐱓𐱔𐱕𐱖𐱗𐱘𐱙𐱚𐱛𐱜𐱝𐱞𐱟𐱠𐱡𐱢𐱣𐱤𐱥𐱦𐱧𐱨𐱩𐱪𐱫𐱬𐱭𐱮𐱯𐱰𐱱𐱲𐱳𐱴𐱵𐱶𐱷𐱸𐱹𐱺𐱻𐱼𐱽𐱾𐱿𐲀𐲁𐲂𐲃𐲄𐲅𐲆𐲇𐲈𐲉𐲊𐲋𐲌𐲍𐲎𐲏𐲐𐲑𐲒𐲓𐲔𐲕𐲖𐲗𐲘𐲙𐲚𐲛𐲜𐲝𐲞𐲟𐲠𐲡𐲢𐲣𐲤𐲥𐲦𐲧𐲨𐲩𐲪𐲫𐲬𐲭𐲮𐲯𐲰𐲱𐲲𐲳𐲴𐲵𐲶𐲷𐲸𐲹𐲺𐲻𐲼𐲽𐲾𐲿𐳀𐳁𐳂𐳃𐳄𐳅𐳆𐳇𐳈𐳉𐳊𐳋𐳌𐳍𐳎𐳏𐳐𐳑𐳒𐳓𐳔𐳕𐳖𐳗𐳘𐳙𐳚𐳛𐳜𐳝𐳞𐳟𐳠𐳡𐳢𐳣𐳤𐳥𐳦𐳧𐳨𐳩𐳪𐳫𐳬𐳭𐳮𐳯𐳰𐳱𐳲𐳳𐳴𐳵𐳶𐳷𐳸𐳹𐳺𐳻𐳼𐳽𐳾𐳿𐴀𐴁𐴂𐴃𐴄𐴅𐴆𐴇𐴈𐴉𐴊𐴋𐴌𐴍𐴎𐴏𐴐𐴑𐴒𐴓𐴔𐴕𐴖𐴗𐴘𐴙𐴚𐴛𐴜𐴝𐴞𐴟𐴠𐴡𐴢𐴣𐴤𐴥𐴦𐴧𐴨𐴩𐴪𐴫𐴬𐴭𐴮𐴯𐴰𐴱𐴲𐴳𐴴𐴵𐴶𐴷𐴸𐴹𐴺𐴻𐴼𐴽𐴾𐴿𐵀𐵁𐵂𐵃𐵄𐵅𐵆𐵇𐵈𐵉𐵊𐵋𐵌𐵍𐵎𐵏𐵐𐵑𐵒𐵓𐵔𐵕𐵖𐵗𐵘𐵙𐵚𐵛𐵜𐵝𐵞𐵟𐵠𐵡𐵢𐵣𐵤𐵥𐵦𐵧𐵨𐵩𐵪𐵫𐵬𐵭𐵮𐵯𐵰𐵱𐵲𐵳𐵴𐵵𐵶𐵷𐵸𐵹𐵺𐵻𐵼𐵽𐵾𐵿𐶀𐶁𐶂𐶃𐶄𐶅𐶆𐶇𐶈𐶉𐶊𐶋𐶌𐶍𐶎𐶏𐶐𐶑𐶒𐶓𐶔𐶕𐶖𐶗𐶘𐶙𐶚𐶛𐶜𐶝𐶞𐶟𐶠𐶡𐶢𐶣𐶤𐶥𐶦𐶧𐶨𐶩𐶪𐶫𐶬𐶭𐶮𐶯𐶰𐶱𐶲𐶳𐶴𐶵𐶶𐶷𐶸𐶹𐶺𐶻𐶼𐶽𐶾𐶿𐷀𐷁𐷂𐷃𐷄𐷅𐷆𐷇𐷈𐷉𐷊𐷋𐷌𐷍𐷎𐷏𐷐𐷑𐷒𐷓𐷔𐷕𐷖𐷗𐷘𐷙𐷚𐷛𐷜𐷝𐷞𐷟𐷠𐷡𐷢𐷣𐷤𐷥𐷦𐷧𐷨𐷩𐷪𐷫𐷬𐷭𐷮𐷯𐷰𐷱𐷲𐷳𐷴𐷵𐷶𐷷𐷸𐷹𐷺𐷻𐷼𐷽𐷾𐷿𐸀𐸁𐸂𐸃𐸄𐸅𐸆𐸇𐸈𐸉𐸊𐸋𐸌𐸍𐸎𐸏𐸐𐸑𐸒𐸓𐸔𐸕𐸖𐸗𐸘𐸙𐸚𐸛𐸜𐸝𐸞𐸟𐸠𐸡𐸢𐸣𐸤𐸥𐸦𐸧𐸨𐸩𐸪𐸫𐸬𐸭𐸮𐸯𐸰𐸱𐸲𐸳𐸴𐸵𐸶𐸷𐸸𐸹𐸺𐸻𐸼𐸽𐸾𐸿𐹀𐹁𐹂𐹃𐹄𐹅𐹆𐹇𐹈𐹉𐹊𐹋𐹌𐹍𐹎𐹏𐹐𐹑𐹒𐹓𐹔𐹕𐹖𐹗𐹘𐹙𐹚𐹛𐹜𐹝𐹞𐹟𐹠𐹡𐹢𐹣𐹤𐹥𐹦𐹧𐹨𐹩𐹪𐹫𐹬𐹭𐹮𐹯𐹰𐹱𐹲𐹳𐹴𐹵𐹶𐹷𐹸𐹹𐹺𐹻𐹼𐹽𐹾𐹿𐺀𐺁𐺂𐺃𐺄𐺅𐺆𐺇𐺈𐺉𐺊𐺋𐺌𐺍𐺎𐺏𐺐𐺑𐺒𐺓𐺔𐺕𐺖𐺗𐺘𐺙𐺚𐺛𐺜𐺝𐺞𐺟𐺠𐺡𐺢𐺣𐺤𐺥𐺦𐺧𐺨𐺩𐺪𐺫𐺬𐺭𐺮𐺯𐺰𐺱𐺲𐺳𐺴𐺵𐺶𐺷𐺸𐺹𐺺𐺻𐺼𐺽𐺾𐺿𐻀𐻁𐻂𐻃𐻄𐻅𐻆𐻇𐻈𐻉𐻊𐻋𐻌𐻍𐻎𐻏𐻐𐻑𐻒𐻓𐻔𐻕𐻖𐻗𐻘𐻙𐻚𐻛𐻜𐻝𐻞𐻟𐻠𐻡𐻢𐻣𐻤𐻥𐻦𐻧𐻨𐻩𐻪𐻫𐻬𐻭𐻮𐻯𐻰𐻱𐻲𐻳𐻴𐻵𐻶𐻷𐻸𐻹𐻺𐻻𐻼𐻽𐻾𐻿𐼀𐼁𐼂𐼃𐼄𐼅𐼆𐼇𐼈𐼉𐼊𐼋𐼌𐼍𐼎𐼏𐼐𐼑𐼒𐼓𐼔𐼕𐼖𐼗𐼘𐼙𐼚𐼛𐼜𐼝𐼞𐼟𐼠𐼡𐼢𐼣𐼤𐼥𐼦𐼧𐼨𐼩𐼪𐼫𐼬𐼭𐼮𐼯𐼰𐼱𐼲𐼳𐼴𐼵𐼶𐼷𐼸𐼹𐼺𐼻𐼼𐼽𐼾𐼿𐽀𐽁𐽂𐽃𐽄𐽅𐽆𐽇𐽋𐽍𐽎𐽏𐽐𐽈𐽉𐽊𐽌𐽑𐽒𐽓𐽔𐽕𐽖𐽗𐽘𐽙𐽚𐽛𐽜𐽝𐽞𐽟𐽠𐽡𐽢𐽣𐽤𐽥𐽦𐽧𐽨𐽩𐽪𐽫𐽬𐽭𐽮𐽯𐽰𐽱𐽲𐽳𐽴𐽵𐽶𐽷𐽸𐽹𐽺𐽻𐽼𐽽𐽾𐽿𐾀𐾁𐾃𐾅𐾂𐾄𐾆𐾇𐾈𐾉𐾊𐾋𐾌𐾍𐾎𐾏𐾐𐾑𐾒𐾓𐾔𐾕𐾖𐾗𐾘𐾙𐾚𐾛𐾜𐾝𐾞𐾟𐾠𐾡𐾢𐾣𐾤𐾥𐾦𐾧𐾨𐾩𐾪
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DAG.KISIM<sub>5</sub>×GI



keš<sub>7</sub>; kiši<sub>7</sub>

DAG.KISIM<sub>5</sub>×GÍR



keš<sub>8</sub>; kirim; kisi<sub>x</sub>; kisi<sub>m4</sub>; kiši<sub>8</sub>

DAG.KISIM<sub>5</sub>×GUD



udul<sub>5</sub>; utul<sub>5</sub>

DAG.KISIM<sub>5</sub>×ḪA



ḫùlum; ḫunin

DAG.KISIM<sub>5</sub>×IR

ùbur

DAG.KISIM<sub>5</sub> × (IR.LU)ubur<sub>4</sub>DAG.KISIM<sub>5</sub>×KAK

# INDEX

gábar; kábar; pa<sub>x</sub>

DAG.KISIM<sub>5</sub>×LA

# INDEX

lahta<sub>6</sub>; lahtan<sub>6</sub>

DAG.KISIM<sub>5</sub>×LU



kisim<sub>x</sub>; úbur

DAG.KISIM<sub>5</sub>× (LU.MÁŠ)



amaš; amaša; ḥara<sub>x</sub>; kīsim; ua<sub>4</sub>; ùdul; útua; ùtul; útuwa

DAG.KISIM<sub>5</sub>×LUM



ḥulum

DAG.KISIM<sub>5</sub>×NE



ge<sub>28</sub>; šurin<sub>4</sub>; šurun<sub>4</sub>

# Index

# LE

kísim



THE UNIVERSITY OF CHICAGO

ḡara<sub>5</sub>; ḡarub; keš<sub>9</sub>; kisim; kiši<sub>9</sub>; šāran; šarin; šurin<sub>5</sub>; šurun<sub>5</sub>; zíbin

DAG.KISIM<sub>5</sub>× (Ú.MAŠ)



No syllabic value exist

DAG.KISIM<sub>5</sub>×UŠ



udul<sub>6</sub>; utua; utul<sub>6</sub>; utuwa

DAG.KISIM<sub>5</sub>×X



ku<sub>12</sub>; lu<sub>10</sub>

DAG×KUR

No sign exist

No syllabic value exist

DAM

# III

DAR

三

DÀRA

# III

A horizontal number line with red tick marks and blue starburst icons. The number 86 is highlighted in a red box.



DARA <sub>4</sub>	𒃶
dar <sub>4</sub> ; dara <sub>4</sub> ; duraḥ <sub>x</sub> ; gana <sub>6</sub> ; ganam <sub>6</sub> ; inna; láḥar; láḥrum; mudru <sub>4</sub> ; nína; ninna <sub>x</sub> ; taraḥ <sub>x</sub> ; úa; u <sub>10</sub>	
DI	𒃶
de; di; du <sub>x</sub> ; sá; sál; salagud; salgud; salim; se <sub>8</sub> ; si <sub>8</sub> ; sili <sub>x</sub> ; silim; silima; sìm; sisa <sub>x</sub> ; šá; ša <sub>18</sub> ; šùl; te <sub>10</sub> ; ti <sub>4</sub> ; ṭe; ṭi	
DI.DI	𒃶𒃶
sadu	
DI.TAR	𒃶𒃶𒀭
ištaran <sub>x</sub>	

DI.X



gurušti<sub>x</sub>

DIB



dab; daba; dabe; dap; deb; di<sub>x</sub>; dib; dibi; dip; dubba; dul<sub>8</sub>; nu<sub>12</sub>; teb; tep;  
tib; tip; ɫàb; ɫàp; ɫeb; ɫep; ɫib; ɫip

DIM



di<sub>11</sub>; dim; dum<sub>4</sub>; mùn; tà<sub>m</sub>; tem; tì; tim; tum<sub>8</sub>; ɫem; ɫim

DIM×EŠ

No sign exist

No syllabic value exist

DIM×MAŠ

No sign exist

mašgur<sub>x</sub>

DIM×IGI

No sign exist

No syllabic value exist

DIM×ŠE



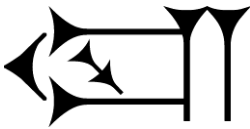
gákkul; kákkul; mun; munu

DÍM×UD

No sign exist

No syllabic value exist

DÍM



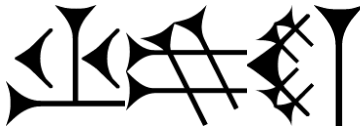
dém; di<sub>x</sub>; dí<sub>m</sub>; dí<sub>ma</sub>; ge<sub>18</sub>; gem; gen<sub>7</sub>; gi<sub>18</sub>; gim; gimi; gin<sub>7</sub>; ke<sub>5</sub>; kem; ki<sub>5</sub>; kim;  
kin<sub>8</sub>; mušda; mušdam; mušdama; qim; šidi; šidim; šilam<sub>x</sub>; šitim; šitalam<sub>x</sub>; tam<sub>6</sub>;  
tém; tím

DIN



dan<sub>5</sub>; den; dí; din; dini; gurun<sub>8</sub>; idin<sub>x</sub>; kúrun; tén; tí; til<sub>x</sub>; tím; tin; tìn

DIN.KASKAL.U-gunû.DIŠ



sagkurun

DIN.ŠE.NUN&NUN



babila<sub>x</sub>; din-tir; gamun

DIŠ

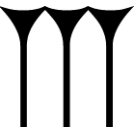







an<sub>x</sub>; ana; aš<sub>10</sub>; dáš; deš; diš; diša; dúš; gala<sub>10</sub>; gè; géš; gešta; gî; gíš;  
êéš; êíš; il<sub>4</sub>; ili<sub>6</sub>; eš<sub>4</sub>; iš<sub>4</sub>; makaš; makkaš; muš<sub>7</sub>; nigida; saġtak<sub>4</sub>; sálubug;  
sálugub; sandak<sub>4</sub>; santa<sub>4</sub>; santag<sub>4</sub>; santak<sub>4</sub>; šantag; šantak; tal<sub>4</sub>; táš; til<sub>5</sub>;  
tiš; tiz; ٲiš; uš<sub>9</sub>

DIŠ.DAR



ašdar<sub>x</sub>

DIŠ.DIŠ.DIŠ	
eš <sub>5</sub> ; eša <sub>5</sub>	
DIŠ.DIŠ.DIŠ.U.U	 
eššaba; eššana; iššebe	
DIŠ.DIŠ.DIŠ.U.U.U	  
iššebe <sub>x</sub>	
DIŠ-kabatenû	No sign exist
uli <sub>x</sub>	

DIŠ-kabatenû.DIŠ-kabatenû.  
DIŠ-kabatenû.DIŠ-kabatenû

No sign exist

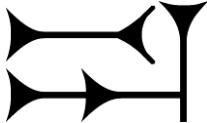
bág; bák

DIŠ-tenû



diš-tenû

DU



ar<sub>6</sub>; ara<sub>6</sub>; aragub; de<sub>6</sub>; di<sub>6</sub>; du; dul<sub>x</sub>; er<sub>10</sub>; ge<sub>13</sub>; gen; gim<sub>6</sub>; gin; gina<sub>x</sub>; gir<sub>7</sub>;  
gub; guba; gubu; gup; ĝen; ĝin; ĝim<sub>6</sub>; im<sub>6</sub>; ir<sub>10</sub>; kaš<sub>5</sub>; kim<sub>6</sub>; kin<sub>7</sub>; ku<sub>x</sub>; kub;  
kup; kur<sub>x</sub>; laḥ<sub>6</sub>; mèn; mi<sub>x</sub>; na<sub>x</sub>; qub; qup; rá; re<sub>6</sub>; ri<sub>6</sub>; ša<sub>4</sub>; še<sub>13</sub>; tù; túm;  
túma; túmu; ẗù; ur<sub>8</sub>

DU . DU	𐎠𐎡𐎢𐎣𐎤𐎥𐎦𐎧𐎨𐎩𐎪𐎫𐎬𐎭𐎮𐎯𐎰𐎱𐎲𐎳𐎴𐎵𐎶𐎷𐎸𐎹𐎺𐎻𐎼𐎽𐎾𐎿𐏀𐏁𐏂𐏃𐏄𐏅𐏆𐏇𐏈𐏉𐏊𐏋𐏌𐏍𐏎𐏏𐏐𐏑𐏒𐏓𐏔𐏕𐏖𐏗𐏘𐏙𐏚𐏛𐏜𐏝𐏞𐏟𐏠𐏡𐏢𐏣𐏤𐏥𐏦𐏧𐏨𐏩𐏪𐏫𐏬𐏭𐏮𐏯𐏰𐏱𐏲𐏳𐏴𐏵𐏶𐏷𐏸𐏹𐏺𐏻𐏼𐏽𐏾𐏿𐐀𐐁𐐂𐐃𐐄𐐅𐐆𐐇𐐈𐐉𐐊𐐋𐐌𐐍𐐎𐐏𐐐𐐑𐐒𐐓𐐔𐐕𐐖𐐗𐐘𐐙𐐚𐐛𐐜𐐝𐐞𐐟𐐠𐐡𐐢𐐣𐐤𐐥𐐦𐐧𐐨𐐩𐐪𐐫𐐬𐐭𐐮𐐯𐐰𐐱𐐲𐐳𐐴𐐵𐐶𐐷𐐸𐐹𐐺𐐻𐐼𐐽𐐾𐐿𐑀𐑁𐑂𐑃𐑄𐑅𐑆𐑇𐑈𐑉𐑊𐑋𐑌𐑍𐑎𐑏𐑐𐑑𐑒𐑓𐑔𐑕𐑖𐑗𐑘𐑙𐑚𐑛𐑜𐑝𐑞𐑟𐑠𐑡𐑢𐑣𐑤𐑥𐑦𐑧𐑨𐑩𐑪𐑫𐑬𐑭𐑮𐑯𐑰𐑱𐑲𐑳𐑴𐑵𐑶𐑷𐑸𐑹𐑺𐑻𐑼𐑽𐑾𐑿𐒀𐒁𐒂𐒃𐒄𐒅𐒆𐒇𐒈𐒉𐒊𐒋𐒌𐒍𐒎𐒏𐒐𐒑𐒒𐒓𐒔𐒕𐒖𐒗𐒘𐒙𐒚𐒛𐒜𐒝𐒞𐒟𐒠𐒡𐒢𐒣𐒤𐒥𐒦𐒧𐒨𐒩𐒪𐒫𐒬𐒭𐒮𐒯𐒰𐒱𐒲𐒳𐒴𐒵𐒶𐒷𐒸𐒹𐒺𐒻𐒼𐒽𐒾𐒿𐓀𐓁𐓂𐓃𐓄𐓅𐓆𐓇𐓈𐓉𐓊𐓋𐓌𐓍𐓎𐓏𐓐𐓑𐓒𐓓𐓔𐓕𐓖𐓗𐓘𐓙𐓚𐓛𐓜𐓝𐓞𐓟𐓠𐓡𐓢𐓣𐓤𐓥𐓦𐓧𐓨𐓩𐓪𐓫𐓬𐓭𐓮𐓯𐓰𐓱𐓲𐓳𐓴𐓵𐓶𐓷𐓸𐓹𐓺𐓻𐓼𐓽𐓾𐓿𐔀𐔁𐔂𐔃𐔄𐔅𐔆𐔇𐔈𐔉𐔊𐔋𐔌𐔍𐔎𐔏𐔐𐔑𐔒𐔓𐔔𐔕𐔖𐔗𐔘𐔙𐔚𐔛𐔜𐔝𐔞𐔟𐔠𐔡𐔢𐔣𐔤𐔥𐔦𐔧𐔨𐔩𐔪𐔫𐔬𐔭𐔮𐔯𐔰𐔱𐔲𐔳𐔴𐔵𐔶𐔷𐔸𐔹𐔺𐔻𐔼𐔽𐔾𐔿𐕀𐕁𐕂𐕃𐕄𐕅𐕆𐕇𐕈𐕉𐕊𐕋𐕌𐕍𐕎𐕏𐕐𐕑𐕒𐕓𐕔𐕕𐕖𐕗𐕘𐕙𐕚𐕛𐕜𐕝𐕞𐕟𐕠𐕡𐕢𐕣𐕤𐕥𐕦𐕧𐕨𐕩𐕪𐕫𐕬𐕭𐕮𐕯𐕰𐕱𐕲𐕳𐕴𐕵𐕶𐕷𐕸𐕹𐕺𐕻𐕼𐕽𐕾𐕿𐖀𐖁𐖂𐖃𐖄𐖅𐖆𐖇𐖈𐖉𐖊𐖋𐖌𐖍𐖎𐖏𐖐𐖑𐖒𐖓𐖔𐖕𐖖𐖗𐖘𐖙𐖚𐖛𐖜𐖝𐖞𐖟𐖠𐖡𐖢𐖣𐖤𐖥𐖦𐖧𐖨𐖩𐖪𐖫𐖬𐖭𐖮𐖯𐖰𐖱𐖲𐖳𐖴𐖵𐖶𐖷𐖸𐖹𐖺𐖻𐖼𐖽𐖾𐖿𐗀𐗁𐗂𐗃𐗄𐗅𐗆𐗇𐗈𐗉𐗊𐗋𐗌𐗍𐗎𐗏𐗐𐗑𐗒𐗓𐗔𐗕𐗖𐗗𐗘𐗙𐗚𐗛𐗜𐗝𐗞𐗟𐗠𐗡𐗢𐗣𐗤𐗥𐗦𐗧𐗨𐗩𐗪𐗫𐗬𐗭𐗮𐗯𐗰𐗱𐗲𐗳𐗴𐗵𐗶𐗷𐗸𐗹𐗺𐗻𐗼𐗽𐗾𐗿𐘀𐘁𐘂𐘃𐘄𐘅𐘆𐘇𐘈𐘉𐘊𐘋𐘌𐘍𐘎𐘏𐘐𐘑𐘒𐘓𐘔𐘕𐘖𐘗𐘘𐘙𐘚𐘛𐘜𐘝𐘞𐘟𐘠𐘡𐘢𐘣𐘤𐘥𐘦𐘧𐘨𐘩𐘪𐘫𐘬𐘭𐘮𐘯𐘰𐘱𐘲𐘳𐘴𐘵𐘶𐘷𐘸𐘹𐘺𐘻𐘼𐘽𐘾𐘿𐙀𐙁𐙂𐙃𐙄𐙅𐙆𐙇𐙈𐙉𐙊𐙋𐙌𐙍𐙎𐙏𐙐𐙑𐙒𐙓𐙔𐙕𐙖𐙗𐙘𐙙𐙚𐙛𐙜𐙝𐙞𐙟𐙠𐙡𐙢𐙣𐙤𐙥𐙦𐙧𐙨𐙩𐙪𐙫𐙬𐙭𐙮𐙯𐙰𐙱𐙲𐙳𐙴𐙵𐙶𐙷𐙸𐙹𐙺𐙻𐙼𐙽𐙾𐙿𐚀𐚁𐚂𐚃𐚄𐚅𐚆𐚇𐚈𐚉𐚊𐚋𐚌𐚍𐚎𐚏𐚐𐚑𐚒𐚓𐚔𐚕𐚖𐚗𐚘𐚙𐚚𐚛𐚜𐚝𐚞𐚟𐚠𐚡𐚢𐚣𐚤𐚥𐚦𐚧𐚨𐚩𐚪𐚫𐚬𐚭𐚮𐚯𐚰𐚱𐚲𐚳𐚴𐚵𐚶𐚷𐚸𐚹𐚺𐚻𐚼𐚽𐚾𐚿𐛀𐛁𐛂𐛃𐛄𐛅𐛆𐛇𐛈𐛉𐛊𐛋𐛌𐛍𐛎𐛏𐛐𐛑𐛒𐛓𐛔𐛕𐛖𐛗𐛘𐛙𐛚𐛛𐛜𐛝𐛞𐛟𐛠𐛡𐛢𐛣𐛤𐛥𐛦𐛧𐛨𐛩𐛪𐛫𐛬𐛭𐛮𐛯𐛰𐛱𐛲𐛳𐛴𐛵𐛶𐛷𐛸𐛹𐛺𐛻𐛼𐛽𐛾𐛿𐜀𐜁𐜂𐜃𐜄𐜅𐜆𐜇𐜈𐜉𐜊𐜋𐜌𐜍𐜎𐜏𐜐𐜑𐜒𐜓𐜔𐜕𐜖𐜗𐜘𐜙𐜚𐜛𐜜𐜝𐜞𐜟𐜠𐜡𐜢𐜣𐜤𐜥𐜦𐜧𐜨𐜩𐜪𐜫𐜬𐜭𐜮𐜯𐜰𐜱𐜲𐜳𐜴𐜵𐜶𐜷𐜸𐜹𐜺𐜻𐜼𐜽𐜾𐜿𐝀𐝁𐝂𐝃𐝄𐝅𐝆𐝇𐝈𐝉𐝊𐝋𐝌𐝍𐝎𐝏𐝐𐝑𐝒𐝓𐝔𐝕𐝖𐝗𐝘𐝙𐝚𐝛𐝜𐝝𐝞𐝟𐝠𐝡𐝢𐝣𐝤𐝥𐝦𐝧𐝨𐝩𐝪𐝫𐝬𐝭𐝮𐝯𐝰𐝱𐝲𐝳𐝴𐝵𐝶𐝷𐝸𐝹𐝺𐝻𐝼𐝽𐝾𐝿𐞀𐞁𐞂𐞃𐞄𐞅𐞆𐞇𐞈𐞉𐞊𐞋𐞌𐞍𐞎𐞏𐞐𐞑𐞒𐞓𐞔𐞕𐞖𐞗𐞘𐞙𐞚𐞛𐞜𐞝𐞞𐞟𐞠𐞡𐞢𐞣𐞤𐞥𐞦𐞧𐞨𐞩𐞪𐞫𐞬𐞭𐞮𐞯𐞰𐞱𐞲𐞳𐞴𐞵𐞶𐞷𐞸𐞹𐞺𐞻𐞼𐞽𐞾𐞿𐟀𐟁𐟂𐟃𐟄𐟅𐟆𐟇𐟈𐟉𐟊𐟋𐟌𐟍𐟎𐟏𐟐𐟑𐟒𐟓𐟔𐟕𐟖𐟗𐟘𐟙𐟚𐟛𐟜𐟝𐟞𐟟𐟠𐟡𐟢𐟣𐟤𐟥𐟦𐟧𐟨𐟩𐟪𐟫𐟬𐟭𐟮𐟯𐟰𐟱𐟲𐟳𐟴𐟵𐟶𐟷𐟸𐟹𐟺𐟻𐟼𐟽𐟾𐟿𐠀𐠁𐠂𐠃𐠄𐠅𐠆𐠇𐠈𐠉𐠊𐠋𐠌𐠍𐠎𐠏𐠐𐠑𐠒𐠓𐠔𐠕𐠖𐠗𐠘𐠙𐠚𐠛𐠜𐠝𐠞𐠟𐠠𐠡𐠢𐠣𐠤𐠥𐠦𐠧𐠨𐠩𐠪𐠫𐠬𐠭𐠮𐠯𐠰𐠱𐠲𐠳𐠴𐠵𐠶𐠷𐠸𐠹𐠺𐠻𐠼𐠽𐠾𐠿𐡀𐡁𐡂𐡃𐡄𐡅𐡆𐡇𐡈𐡉𐡊𐡋𐡌𐡍𐡎𐡏𐡐𐡑𐡒𐡓𐡔𐡕𐡖𐡗𐡘𐡙𐡚𐡛𐡜𐡝𐡞𐡟𐡠𐡡𐡢𐡣𐡤𐡥𐡦𐡧𐡨𐡩𐡪𐡫𐡬𐡭𐡮𐡯𐡰𐡱𐡲𐡳𐡴𐡵𐡶𐡷𐡸𐡹𐡺𐡻𐡼𐡽𐡾𐡿𐢀𐢁𐢂𐢃𐢄𐢅𐢆𐢇𐢈𐢉𐢊𐢋𐢌𐢍𐢎𐢏𐢐𐢑𐢒𐢓𐢔𐢕𐢖𐢗𐢘𐢙𐢚𐢛𐢜𐢝𐢞𐢟𐢠𐢡𐢢𐢣𐢤𐢥𐢦𐢧𐢨𐢩𐢪𐢫𐢬𐢭𐢮𐢯𐢰𐢱𐢲𐢳𐢴𐢵𐢶𐢷𐢸𐢹𐢺𐢻𐢼𐢽𐢾𐢿𐣀𐣁𐣂𐣃𐣄𐣅𐣆𐣇𐣈𐣉𐣊𐣋𐣌𐣍𐣎𐣏𐣐𐣑𐣒𐣓𐣔𐣕𐣖𐣗𐣘𐣙𐣚𐣛𐣜𐣝𐣞𐣟𐣠𐣡𐣢𐣣𐣤𐣥𐣦𐣧𐣨𐣩𐣪𐣫𐣬𐣭𐣮𐣯𐣰𐣱𐣲𐣳𐣴𐣵𐣶𐣷𐣸𐣹𐣺𐣻𐣼𐣽𐣾𐣿𐤀𐤁𐤂𐤃𐤄𐤅𐤆𐤇𐤈𐤉𐤊𐤋𐤌𐤍𐤎𐤏𐤐𐤑𐤒𐤓𐤔𐤕𐤖𐤗𐤘𐤙𐤚𐤛𐤜𐤝𐤞𐤟𐤠𐤡𐤢𐤣𐤤𐤥𐤦𐤧𐤨𐤩𐤪𐤫𐤬𐤭𐤮𐤯𐤰𐤱𐤲𐤳𐤴𐤵𐤶𐤷𐤸𐤹𐤺𐤻𐤼𐤽𐤾𐤿𐥀𐥁𐥂𐥃𐥄𐥅𐥆𐥇𐥈𐥉𐥊𐥋𐥌𐥍𐥎𐥏𐥐𐥑𐥒𐥓𐥔𐥕𐥖𐥗𐥘𐥙𐥚𐥛𐥜𐥝𐥞𐥟𐥠𐥡𐥢𐥣𐥤𐥥𐥦𐥧𐥨𐥩𐥪𐥫𐥬𐥭𐥮𐥯𐥰𐥱𐥲𐥳𐥴𐥵𐥶𐥷𐥸𐥹𐥺𐥻𐥼𐥽𐥾𐥿𐦀𐦁𐦂𐦃𐦄𐦅𐦆𐦇𐦈𐦉𐦊𐦋𐦌𐦍𐦎𐦏𐦐𐦑𐦒𐦓𐦔𐦕𐦖𐦗𐦘𐦙𐦚𐦛𐦜𐦝𐦞𐦟𐦠𐦡𐦢𐦣𐦤𐦥𐦦𐦧𐦨𐦩𐦪𐦫𐦬𐦭𐦮𐦯𐦰𐦱𐦲𐦳𐦴𐦵𐦶𐦷𐦸𐦹𐦺𐦻𐦼𐦽𐦾𐦿𐧀𐧁𐧂𐧃𐧄𐧅𐧆𐧇𐧈𐧉𐧊𐧋𐧌𐧍𐧎𐧏𐧐𐧑𐧒𐧓𐧔𐧕𐧖𐧗𐧘𐧙𐧚𐧛𐧜𐧝𐧞𐧟𐧠𐧡𐧢𐧣𐧤𐧥𐧦𐧧𐧨𐧩𐧪𐧫𐧬𐧭𐧮𐧯𐧰𐧱𐧲𐧳𐧴𐧵𐧶𐧷𐧸𐧹𐧺𐧻𐧼𐧽𐧾𐧿𐨀𐨁𐨂𐨃𐨄𐨅𐨆𐨇𐨈𐨉𐨊𐨋𐨌𐨍𐨎𐨏𐨐𐨑𐨒𐨓𐨔𐨕𐨖𐨗𐨘𐨙𐨚𐨛𐨜𐨝𐨞𐨟𐨠𐨡𐨢𐨣𐨤𐨥𐨦𐨧𐨨𐨩𐨪𐨫𐨬𐨭𐨮𐨯𐨰𐨱𐨲𐨳𐨴𐨵𐨶𐨷𐨹𐨺𐨸𐨻𐨼𐨽𐨾𐨿𐩀𐩁𐩂𐩃𐩄𐩅𐩆𐩇𐩈𐩉𐩊𐩋𐩌𐩍𐩎𐩏𐩐𐩑𐩒𐩓𐩔𐩕𐩖𐩗𐩘𐩙𐩚𐩛𐩜𐩝𐩞𐩟𐩠𐩡𐩢𐩣𐩤𐩥𐩦𐩧𐩨𐩩𐩪𐩫𐩬𐩭𐩮𐩯𐩰𐩱𐩲𐩳𐩴𐩵𐩶𐩷𐩸𐩹𐩺𐩻𐩼𐩽𐩾𐩿𐪀𐪁𐪂𐪃𐪄𐪅𐪆𐪇𐪈𐪉𐪊𐪋𐪌𐪍𐪎𐪏𐪐𐪑𐪒𐪓𐪔𐪕𐪖𐪗𐪘𐪙𐪚𐪛𐪜𐪝𐪞𐪟𐪠𐪡𐪢𐪣𐪤𐪥𐪦𐪧𐪨𐪩𐪪𐪫𐪬𐪭𐪮𐪯𐪰𐪱𐪲𐪳𐪴𐪵𐪶𐪷𐪸𐪹𐪺𐪻𐪼𐪽𐪾𐪿𐫀𐫁𐫂𐫃𐫄𐫅𐫆𐫇𐫈𐫉𐫊𐫋𐫌𐫍𐫎𐫏𐫐𐫑𐫒𐫓𐫔𐫕𐫖𐫗𐫘𐫙𐫚𐫛𐫜𐫝𐫞𐫟𐫠𐫡𐫢𐫣𐫤𐫦𐫥𐫧𐫨𐫩𐫪𐫫𐫬𐫭𐫮𐫯𐫰𐫱𐫲𐫳𐫴𐫵𐫶𐫷𐫸𐫹𐫺𐫻𐫼𐫽𐫾𐫿𐬀𐬁𐬂𐬃𐬄𐬅𐬆𐬇𐬈𐬉𐬊𐬋𐬌𐬍𐬎𐬏𐬐𐬑𐬒𐬓𐬔𐬕𐬖𐬗𐬘𐬙𐬚𐬛𐬜𐬝𐬞𐬟𐬠𐬡𐬢𐬣𐬤𐬥𐬦𐬧𐬨𐬩𐬪𐬫𐬬𐬭𐬮𐬯𐬰𐬱𐬲𐬳𐬴𐬵𐬶𐬷𐬸𐬹𐬺𐬻𐬼𐬽𐬾𐬿𐭀𐭁𐭂𐭃𐭄𐭅𐭆𐭇𐭈𐭉𐭊𐭋𐭌𐭍𐭎𐭏𐭐𐭑𐭒𐭓𐭔𐭕𐭖𐭗𐭘𐭙𐭚𐭛𐭜𐭝𐭞𐭟𐭠𐭡𐭢𐭣𐭤𐭥𐭦𐭧𐭨𐭩𐭪𐭫𐭬𐭭𐭮𐭯𐭰𐭱𐭲𐭳𐭴𐭵𐭶𐭷𐭸𐭹𐭺𐭻𐭼𐭽𐭾𐭿𐮀𐮁𐮂𐮃𐮄𐮅𐮆𐮇𐮈𐮉𐮊𐮋𐮌𐮍𐮎𐮏𐮐𐮑𐮒𐮓𐮔𐮕𐮖𐮗𐮘𐮙𐮚𐮛𐮜𐮝𐮞𐮟𐮠𐮡𐮢𐮣𐮤𐮥𐮦𐮧𐮨𐮩𐮪𐮫𐮬𐮭𐮮𐮯𐮰𐮱𐮲𐮳𐮴𐮵𐮶𐮷𐮸𐮹𐮺𐮻𐮼𐮽𐮾𐮿𐯀𐯁𐯂𐯃𐯄𐯅𐯆𐯇𐯈𐯉𐯊𐯋𐯌𐯍𐯎𐯏𐯐𐯑𐯒𐯓𐯔𐯕𐯖𐯗𐯘𐯙𐯚𐯛𐯜𐯝𐯞𐯟𐯠𐯡𐯢𐯣𐯤𐯥𐯦𐯧𐯨𐯩𐯪𐯫𐯬𐯭𐯮𐯯𐯰𐯱𐯲𐯳𐯴𐯵𐯶𐯷𐯸𐯹𐯺𐯻𐯼𐯽𐯾𐯿𐰀𐰁𐰂𐰃𐰄𐰅𐰆𐰇𐰈𐰉𐰊𐰋𐰌𐰍𐰎𐰏𐰐𐰑𐰒𐰓𐰔𐰕𐰖𐰗𐰘𐰙𐰚𐰛𐰜𐰝𐰞𐰟𐰠𐰡𐰢𐰣𐰤𐰥𐰦𐰧𐰨𐰩𐰪𐰫𐰬𐰭𐰮𐰯𐰰𐰱𐰲𐰳𐰴𐰵𐰶𐰷𐰸𐰹𐰺𐰻𐰼𐰽𐰾𐰿𐱀𐱁𐱂𐱃𐱄𐱅𐱆𐱇𐱈𐱉𐱊𐱋𐱌𐱍𐱎𐱏𐱐𐱑𐱒𐱓𐱔𐱕𐱖𐱗𐱘𐱙𐱚𐱛𐱜𐱝𐱞𐱟𐱠𐱡𐱢𐱣𐱤𐱥𐱦𐱧𐱨𐱩𐱪𐱫𐱬𐱭𐱮𐱯𐱰𐱱𐱲𐱳𐱴𐱵𐱶𐱷𐱸𐱹𐱺𐱻𐱼𐱽𐱾𐱿𐲀𐲁𐲂𐲃𐲄𐲅𐲆𐲇𐲈𐲉𐲊𐲋𐲌𐲍𐲎𐲏𐲐𐲑𐲒𐲓𐲔𐲕𐲖𐲗𐲘𐲙𐲚𐲛𐲜𐲝𐲞𐲟𐲠𐲡𐲢𐲣𐲤𐲥𐲦𐲧𐲨𐲩𐲪𐲫𐲬𐲭𐲮𐲯𐲰𐲱𐲲𐲳𐲴𐲵𐲶𐲷𐲸𐲹𐲺𐲻𐲼𐲽𐲾𐲿𐳀𐳁𐳂𐳃𐳄𐳅𐳆𐳇𐳈𐳉𐳊𐳋𐳌𐳍𐳎𐳏𐳐𐳑𐳒𐳓𐳔𐳕𐳖𐳗𐳘𐳙𐳚𐳛𐳜𐳝𐳞𐳟𐳠𐳡𐳢𐳣𐳤𐳥𐳦𐳧𐳨𐳩𐳪𐳫𐳬𐳭𐳮𐳯𐳰𐳱𐳲𐳳𐳴𐳵𐳶𐳷𐳸𐳹𐳺𐳻𐳼𐳽𐳾𐳿𐴀𐴁𐴂𐴃𐴄𐴅𐴆𐴇𐴈𐴉𐴊𐴋𐴌𐴍𐴎𐴏𐴐𐴑𐴒𐴓𐴔𐴕𐴖𐴗𐴘𐴙𐴚𐴛𐴜𐴝𐴞𐴟𐴠𐴡𐴢𐴣𐴤𐴥𐴦𐴧𐴨𐴩𐴪𐴫𐴬𐴭𐴮𐴯𐴰𐴱𐴲𐴳𐴴𐴵𐴶𐴷𐴸𐴹𐴺𐴻𐴼𐴽𐴾𐴿𐵀𐵁𐵂𐵃𐵄𐵅𐵆𐵇𐵈𐵉𐵊𐵋𐵌𐵍𐵎𐵏𐵐𐵑𐵒𐵓𐵔𐵕𐵖𐵗𐵘𐵙𐵚𐵛𐵜𐵝𐵞𐵟𐵠𐵡𐵢𐵣𐵤𐵥𐵦𐵧𐵨𐵩𐵪𐵫𐵬𐵭𐵮𐵯𐵰𐵱𐵲𐵳𐵴𐵵𐵶𐵷𐵸𐵹𐵺𐵻𐵼𐵽𐵾𐵿𐶀𐶁𐶂𐶃𐶄𐶅𐶆𐶇𐶈𐶉𐶊𐶋𐶌𐶍𐶎𐶏𐶐𐶑𐶒𐶓𐶔𐶕𐶖𐶗𐶘𐶙𐶚𐶛𐶜𐶝𐶞𐶟𐶠𐶡𐶢𐶣𐶤𐶥𐶦𐶧𐶨𐶩𐶪𐶫𐶬𐶭𐶮𐶯𐶰𐶱𐶲𐶳𐶴𐶵𐶶𐶷𐶸𐶹𐶺𐶻𐶼𐶽𐶾𐶿𐷀𐷁𐷂𐷃𐷄𐷅𐷆𐷇𐷈𐷉𐷊𐷋𐷌𐷍𐷎𐷏𐷐𐷑𐷒𐷓𐷔𐷕𐷖𐷗𐷘𐷙𐷚𐷛𐷜𐷝𐷞𐷟𐷠𐷡𐷢𐷣𐷤𐷥𐷦𐷧𐷨𐷩𐷪𐷫𐷬𐷭𐷮𐷯𐷰𐷱𐷲𐷳𐷴𐷵𐷶𐷷𐷸𐷹𐷺𐷻𐷼𐷽𐷾𐷿𐸀𐸁𐸂𐸃𐸄𐸅𐸆𐸇𐸈𐸉𐸊𐸋𐸌𐸍𐸎𐸏𐸐𐸑𐸒𐸓𐸔𐸕𐸖𐸗𐸘𐸙𐸚𐸛𐸜𐸝𐸞𐸟𐸠𐸡𐸢𐸣𐸤𐸥𐸦𐸧𐸨𐸩𐸪𐸫𐸬𐸭𐸮𐸯𐸰𐸱𐸲𐸳𐸴𐸵𐸶𐸷𐸸𐸹𐸺𐸻𐸼𐸽𐸾𐸿𐹀𐹁𐹂𐹃𐹄𐹅𐹆𐹇𐹈𐹉𐹊𐹋𐹌𐹍𐹎𐹏𐹐𐹑𐹒𐹓𐹔𐹕𐹖𐹗𐹘𐹙𐹚𐹛𐹜𐹝𐹞𐹟𐹠𐹡𐹢𐹣𐹤𐹥𐹦𐹧𐹨𐹩𐹪𐹫𐹬𐹭𐹮𐹯𐹰𐹱𐹲𐹳𐹴𐹵𐹶𐹷𐹸𐹹𐹺𐹻𐹼𐹽𐹾𐹿𐺀𐺁𐺂𐺃𐺄𐺅𐺆𐺇𐺈𐺉𐺊𐺋𐺌𐺍𐺎𐺏𐺐𐺑𐺒𐺓𐺔𐺕𐺖𐺗𐺘𐺙𐺚𐺛𐺜𐺝𐺞𐺟𐺠𐺡𐺢𐺣𐺤𐺥𐺦𐺧𐺨𐺩𐺪𐺫𐺬𐺭𐺮𐺯𐺰𐺱𐺲𐺳𐺴𐺵𐺶𐺷𐺸𐺹𐺺𐺻𐺼𐺽𐺾𐺿𐻀𐻁𐻂𐻃𐻄𐻅𐻆𐻇𐻈𐻉𐻊𐻋𐻌𐻍𐻎𐻏𐻐𐻑𐻒𐻓𐻔𐻕𐻖𐻗𐻘𐻙𐻚𐻛𐻜𐻝𐻞𐻟𐻠𐻡𐻢𐻣𐻤𐻥𐻦𐻧𐻨𐻩𐻪𐻫𐻬𐻭𐻮𐻯𐻰𐻱𐻲𐻳𐻴𐻵𐻶𐻷𐻸𐻹𐻺𐻻𐻼𐻽𐻾𐻿𐼀𐼁𐼂𐼃𐼄𐼅𐼆𐼇𐼈𐼉𐼊𐼋𐼌𐼍𐼎𐼏𐼐𐼑𐼒𐼓𐼔𐼕𐼖𐼗𐼘𐼙𐼚𐼛𐼜𐼝𐼞𐼟𐼠𐼡𐼢𐼣𐼤𐼥𐼦𐼧𐼨𐼩𐼪𐼫𐼬𐼭𐼮𐼯𐼰𐼱𐼲𐼳𐼴𐼵𐼶𐼷𐼸𐼹𐼺𐼻𐼼𐼽𐼾𐼿𐽀𐽁𐽂𐽃𐽄𐽅𐽆𐽇𐽋𐽍𐽎𐽏𐽐𐽈𐽉𐽊𐽌𐽑𐽒𐽓𐽔𐽕𐽖𐽗𐽘𐽙𐽚𐽛𐽜𐽝𐽞𐽟𐽠𐽡𐽢𐽣𐽤𐽥𐽦𐽧𐽨𐽩𐽪𐽫𐽬𐽭𐽮𐽯𐽰𐽱𐽲𐽳𐽴𐽵𐽶𐽷𐽸𐽹𐽺𐽻𐽼𐽽𐽾𐽿𐾀𐾁𐾃𐾅𐾂𐾄𐾆𐾇𐾈𐾉𐾊𐾋𐾌𐾍𐾎𐾏𐾐𐾑𐾒𐾓𐾔𐾕𐾖𐾗𐾘𐾙𐾚𐾛𐾜𐾝𐾞𐾟𐾠𐾡𐾢𐾣𐾤𐾥𐾦𐾧𐾨𐾩𐾪𐾫𐾬
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DU&DU . DU&DU



laḥ<sub>x</sub>; raḥ<sub>x</sub>; re<sub>x</sub>; su<sub>x</sub>; sub<sub>x</sub>; sug<sub>x</sub>; šu<sub>x</sub>

DU-gunû



išdu; gim<sub>5</sub>; gir<sub>6</sub>; giri<sub>6</sub>; im<sub>5</sub>; išdum<sub>x</sub>; kas<sub>5</sub>; kim<sub>5</sub>; suḥ<sub>6</sub>; suḥuš; šuḥuš

DU-šeššig

ālik; lāsиму; gim<sub>4</sub>; gir<sub>5</sub>; giri<sub>5</sub>; gírim; ím; ka<sub>7</sub>; kaku; kamaš; kas<sub>4</sub>; kaš<sub>4</sub>; kim<sub>4</sub>;  
laḥ<sub>7</sub>; ra<sub>x</sub>; rim<sub>4</sub>

DUB.NAGAR



dibira; tabira; tebiru; tibira

DUB



le<sup>ɔ</sup>um; dab<sub>4</sub>; deḥ; deḥi; diḥ; dub; duba; dubba; dubu; dup; kishib; mēbulug;  
mēnbulug; mēs; samag; simig; sumug; šen<sub>4</sub>; teḥe; teḥi; tub; tup; ṭub; ṭup;  
úrud; úrudu; zamug

DUB×ÉŠ

No sign exist

gàz

DUB×ŠE



gas; gaṣ; gaz; gaza; kàs; kaš<sub>6</sub>; kàṣ; kaz; kum<sub>x</sub>; nàga; nàġa

DUB.TI



No syllabic value exist

DÚB



dim<sub>5</sub>; dúb; dúba; dúbu; dúp; sagkurini; tìg; tu<sub>16</sub>; túb; tun<sub>x</sub>; túp; ɫúb

DÚB.LUL



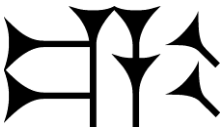
No syllabic value exist

DUG.BUR



baḥar<sub>x</sub>

DUG



dug; duk; duka; duq; ebir; épig; epir; gurin; gurun<sub>7</sub>; kurum<sub>10</sub>; kurin; kùrun;  
líṭ; lud; lùm; lùmu; lut; lutu; luṭ; luṭu; si<sub>14</sub>; šíkin; şurşub; tùg; tùk;  
tùq; ulud; urrub; ursub; urşub; urzub; zurzub

DUG.DUG



lum<sub>x</sub>

DUG.SÌLA.BUR.NA



baḥar<sub>5</sub>

DUG×ANŠE

No sign exist

No syllabic value exist

DUG×AŠ

No sign exist

No syllabic value exist

DUG×AŠ Left

No sign exist

No syllabic value exist

DUG×DIN

No sign exist

No syllabic value exist



DUG×DUN

No sign exist

No syllabic value exist

DUG×ÉRIN

No sign exist

No syllabic value exist

DUG×GA

No sign exist

No syllabic value exist

DUG×GI

No sign exist

No syllabic value exist



DUG×GÍR-gunû

No sign exist

No syllabic value exist

DUG×GIŠ

No sign exist

No syllabic value exist

DUG×ĦA

No sign exist

No syllabic value exist

DUG×ĦI

No sign exist

No syllabic value exist



DUG×IGI-gunû

No sign exist

No syllabic value exist

DUG×KASKAL

No sign exist

No syllabic value exist

DUG×KUR

No sign exist

No syllabic value exist

DUG×KÚŠU

No sign exist

No syllabic value exist



DUG× (KÚŠU.KASKAL)

No sign exist

No syllabic value exist

DUG×LAK020

No sign exist

No syllabic value exist

DUG×LAM

No sign exist

No syllabic value exist

DUG×LAM×KUR

No sign exist

No syllabic value exist

DUG× (LUḪ.GIŠ)

No sign exist

No syllabic value exist

DUG×MAŠ

No sign exist

No syllabic value exist

DUG×MES

No sign exist

No syllabic value exist

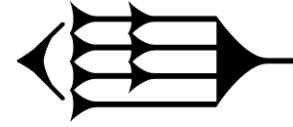
DUG×MI

No sign exist

No syllabic value exist

DUG×NI	No sign exist
šakir <sub>x</sub> ; šugur <sub>x</sub>	
DUG×PI	No sign exist
No syllabic value exist	
DUG×ŠE	No sign exist
No syllabic value exist	
DUG×SI–gunû	No sign exist
No syllabic value exist	

DUGUD



dugu<sub>x</sub>; dugud; duguda; dukud<sub>x</sub>; gi<sub>25</sub>; ĝi<sub>25</sub>; kaptu; qaptu

DUH



duh

DUN



du<sub>24</sub>; dun; duna; dur<sub>9</sub>; duru<sub>9</sub>; sàḥ; su<sub>17</sub>; sul; šáḥ; šàḥan; šul; tun<sub>4</sub>; zu<sub>7</sub>

DUN.TUR



zəhdax

DUN.NE.TUR



zaḥda<sub>x</sub>

DUN-gunû

No sign exist

nir<sub>x</sub>

DÙN



du<sub>5</sub>; dug<sub>5</sub>; dul<sub>x</sub>; dùn; su<sub>18</sub>; sug<sub>5</sub>; tu<sub>18</sub>; tùn; tùna; tug<sub>8</sub>; ʔu

DÙN-gunû



àga; àga; ge<sub>11</sub>; gi<sub>11</sub>; gig<sub>4</sub>; giĝ<sub>4</sub>; gím; gín; gína; puš<sub>4</sub>

DÙN-gunû . UŠ



aga-ús; uku-uš

DÙN-gunû-gunû



aga; agu; ir<sub>17</sub>; mer; mere; migir; mir; miri; nigir; niĝir; nimgir; nimir<sub>x</sub>;  
tèn; tìn; uku

DÙN-gunû-gunû . UŠ



ukuš

DÙN-gunû-gunû . ZA



nir<sub>x</sub>

DÙN-gunû-gunû-šeššig

No sign exist

No syllabic value exist

DUN<sub>4</sub>



dul<sub>4</sub>; dun<sub>4</sub>; mīgir; nīgir; níĝir; nimgir; šudul<sub>4</sub>; šudun<sub>4</sub>; šutul<sub>4</sub>; šutun<sub>4</sub>; tul<sub>6</sub>

DÚR



dúr; dúru; durun; dúrum; duruna; tur<sub>7</sub>; tūr

DU-gunû



išdu; gim<sub>5</sub>; gir<sub>6</sub>; giri<sub>6</sub>; im<sub>5</sub>; išdum<sub>x</sub>; kas<sub>5</sub>; kim<sub>5</sub>; suĝ<sub>6</sub>; suĝuš; šuĝuš

DU-gunû . DU-gunû



gigri

DU-gunû-gunû

No sign exist

No syllabic value exist

DU-šeššig



ālik; lāsimu; gim<sub>4</sub>; gir<sub>5</sub>; giri<sub>5</sub>; gírim; ím; ka<sub>7</sub>; kaku; kamaš; kas<sub>4</sub>; kaš<sub>4</sub>; kim<sub>4</sub>;  
laḥ<sub>7</sub>; ra<sub>x</sub>; rim<sub>4</sub>

DU-šeššig.A



gàn; gàna



DU-šeššig.DU-šeššig



gígri; lah<sub>7</sub>; rah<sub>x</sub>; re<sub>x</sub>; su<sub>x</sub>; sub<sub>x</sub>; sug<sub>x</sub>; šu<sub>x</sub>



E



e; ég; eki; i<sub>15</sub>; íg; šuru<sub>x</sub>; yì

E . SUD . ĤÚB×UD



kuru; šuru<sub>x</sub>

E . TUM






gur<sub>21</sub>; guru<sub>21</sub>; kur<sub>14</sub>; kuru<sub>14</sub>; kurul<sub>14</sub>; šuru<sub>x</sub>


E . TUM . GÁ× (NUN&NUN)




guru<sub>x</sub>; kurul<sub>x</sub>


E×PAP	No sign exist	pa <sub>x</sub>
E&E .NUN&NUN		ḥilibu
EDIN		bil <sub>x</sub> ; bir <sub>4</sub> ; din <sub>x</sub> ; eden; edena; edim <sub>x</sub> ; edin; edina; eru <sub>5</sub> ; érua; gir <sub>x</sub> ; gur <sub>x</sub> ; iden <sub>x</sub> ; la <sub>8</sub> ; rabita; ri <sub>10</sub> ; rib <sub>x</sub> ; ru <sub>6</sub>
EDIN.A		ummu <sub>x</sub>


No sign exist






ina; eru<sub>5</sub>; érua; gir<sub>x</sub>; gur<sub>x</sub>;  
ib<sub>x</sub>; ru<sub>6</sub>






ilibu


EDIN 

bil<sub>x</sub>; bir<sub>4</sub>; din<sub>x</sub>; eden; edena; edim<sub>x</sub>; edin; edina; eru<sub>5</sub>; érua; gir<sub>x</sub>; gur<sub>x</sub>;  
iden<sub>x</sub>; la<sub>8</sub>; rabita; ri<sub>10</sub>; rib<sub>x</sub>; ru<sub>6</sub>



im<sub>x</sub>; edin; edina; eru<sub>5</sub>; érua; gir<sub>x</sub>; gur<sub>x</sub>;  
 abita; ri<sub>10</sub>; rib<sub>x</sub>; ru<sub>6</sub>

Diagram illustrating the EDIN.A system architecture. The central component is `ummu_x`, which is connected to the `EDIN.A` block. The `EDIN.A` block is connected to a large, complex structure on the right, which appears to be a multi-ported memory or cache system.



IN.A

ummu<sub>x</sub>

The diagram consists of a horizontal line. On the left side of the line, the text "IN.A" is written in purple. On the right side of the line, the text "ummu<sub>x</sub>" is written in blue. Above the line, centered between the two labels, is a black symbol that resembles a stylized, mirrored, or calligraphic character.

A horizontal number line with red segments and blue star markers at each integer from 0 to 12. The number 11 is enclosed in a red rectangular box, and the number 113 is written in green inside this box.

A horizontal sequence of 113 items. The first item is a green number '113' inside a red-bordered box. This is followed by a red line segment, then a blue starburst icon, another red line segment, another blue starburst icon, and so on, ending with a final red line segment. The starburst icons are evenly spaced along the red lines.

EDIN.A.LAL



ummu<sub>x</sub>

EDIN.LAL.A



ummu<sub>x</sub>

EGIR



eger; egera; egir; eêger; eêgera; eêgir; lumḥa<sub>x</sub>; tum<sub>13</sub>

EGIR-gunû

No sign exist

egir<sub>x</sub>

EL

# FM

dam; el; éle; eš<sub>14</sub>; il<sub>5</sub>; ili<sub>5</sub>; ram; sikil

ELLES316

**No sign exist**

## No syllabic value exist

ELLES396

## No sign exist

 $z a m_x$ 

EN

II

ad<sub>x</sub>; am<sub>x</sub>; en; ena; eni; enu; in<sub>4</sub>; ru<sub>12</sub>; uru<sub>16</sub>; urun<sub>x</sub>

EN.DÍM.GIG



ènegi; ènegir; ènnigi

EN.GI



engiz<sub>x</sub>

EN.KI



túngal; túnġal

EN.KID



ellil; en-líl; illil; nibri; nibru

EN.KU.A



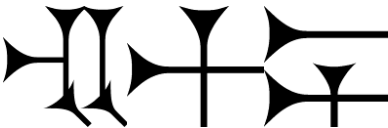
múdu

EN.LI



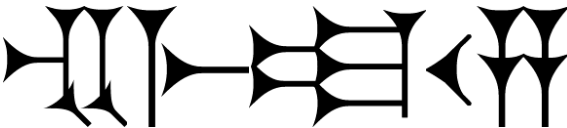
ensi<sub>x</sub>

EN.MAŠ.KAK



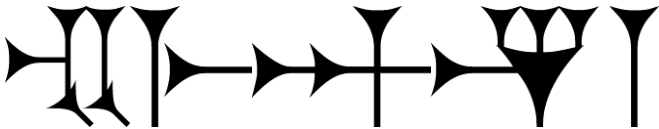
mašda<sub>4</sub>

EN.ME.AD.KÙ



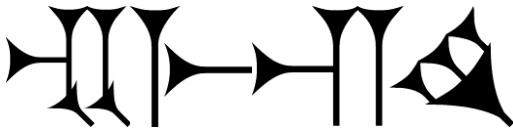
šennu

EN.ME.AN.MÙŠ



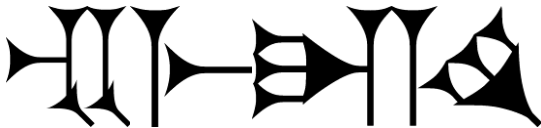
ukurrim

EN.ME.GI



engiz

EN.ME.GI<sub>4</sub>



No syllabic value exist

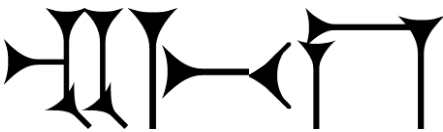
EN×ME.GI<sub>4</sub>



No syllabic value exist



EN.ME.LAGAR



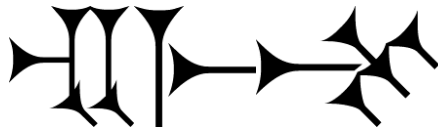
mùrub

EN.ME.LI



ensi; šéšlam

EN.ME.MU



endib; endub

EN.ME.ZI.AN.NA



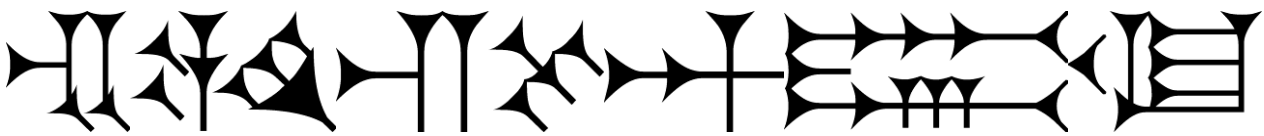
endib

EN.NUNUZ.DÍM



énnigi

EN.NUNUZ.ZI.AN.ŠEŠ.KI



zirru

EN.NU.NUNUZ.ZI.AN.ŠEŠ.KI



No syllabic value exist

EN.NUNUZ.ZI.AN.UD



nunuzzi; nuzzi; nunuzzi<sub>x</sub>

EN.NU.NUNUZ.ZI.AN.UD



No syllabic value exist

EN.PAP.IGI-  
gunû.NUN.ME.EZEN×KASKAL



enkum

EN.SAL.ME.NUNUZ.ZI.AN.ŠEŠ.KI



zirru<sub>x</sub>

EN.ŠEŠ



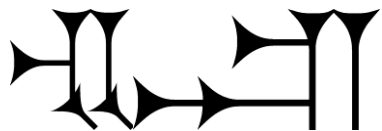
suruen

EN.TI



ebeḥ; ebiḥ

EN.ZU



sìn; suen; suena; tungal; zuen; zuena

EN×GÁN



No syllabic value exist

EN×GÁN-tenû



bar<sub>8</sub>; bur<sub>14</sub>; buru<sub>14</sub>; ebur; eburu<sub>x</sub>; enkar; enkara; éšgiri; éškiri; geššir;  
giššir; ġeššir; ġiššir; ru<sub>13</sub>; síbir; sullim; šíbir

EN×ME



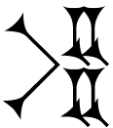
enme; ènsi

EN×ME.GI



éngiz

EN%EN



adamen<sub>5</sub>; adamin<sub>5</sub>; dálhamun; merimer; merimeri; mermer; mermeri; nìgir;  
nimgigri; nimgirgirri; úrbigu; úrbingu

EN%EN.IM%IM



dálhamun; nímgigri; nímgirgirri

EN@EN

No sign exist

adamin<sub>x</sub>

4 × EN



mérimer; mérimeri; mérmer; mérmeri

EREN



eren; erena; erin; erina; su<sub>x</sub>; še<sub>22</sub>; šeš<sub>4</sub>

EREN.ŠU.ME



šurmen<sub>x</sub>

ÉRIN



şab; şābu; bîr; erem; éren; érena; erim; érin; érina; ħîš; láḥ; líḥ; nura;  
nuri; nuru; par<sub>5</sub>; pér; pîr; rín; rína; sáp; sur<sub>x</sub>; şab; şap; şapa; tam<sub>5</sub>; uda<sub>x</sub>;  
zab; zálag; zap

ÉRIN.NA



urume

ÉRIN.X



tidnum<sub>x</sub>

ÉRIN-tenû

No sign exist

sur<sub>x</sub>

EZEN



asil<sub>x</sub>; asila<sub>x</sub>; asilal<sub>x</sub>; bad<sub>x</sub>; esen; esin; ezem; ezema; ezen; ezena; ezin;  
izen; izim; izin; izun; sèr; sidra; sil<sub>x</sub>; sîr; sirda; sírim; šèr; šîr

EZEN×A



àsil; àsila; àsilal; àsillal; murgišur; numgišur; sil<sub>6</sub>; silal

EZEN× (A.LAL)



asil<sub>5</sub>; asila<sub>5</sub>; asilal<sub>5</sub>; sil<sub>7</sub>



EZEN× (A.LÁL)



asil<sub>4</sub>; asila<sub>4</sub>; asilal<sub>4</sub>; sil<sub>9</sub>

EZEN×AN



u<sub>x</sub>

EZEN×BAD



an<sub>x</sub>; ba<sub>8</sub>; bàd; bàda; bàt; dur<sub>8</sub>; durum; u<sub>9</sub>; ub<sub>x</sub>; ug<sub>5</sub>; uga<sub>5</sub>; uĝ<sub>5</sub>; uk<sub>5</sub>; ùn; uq<sub>5</sub>

EZEN×BAD.AN



dūru

EZEN×DÙN–gunû	
dugin; dugina	
EZEN×DÙN–gunû–gunû	
dúgin; dúgina; mir <sub>5</sub>	
EZEN×GUD	
gublaga <sub>x</sub>	
EZEN×ḪA	
akšak <sub>x</sub> ; udnim <sub>x</sub>	

EZEN×ĦA-gunû

No sign exist

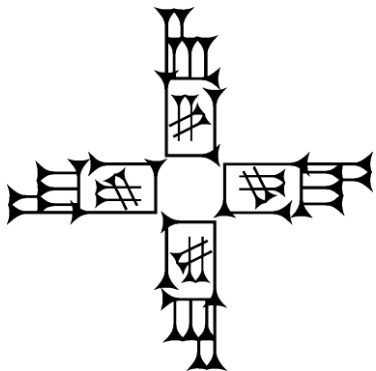
No syllabic value exist

EZEN×KASKAL



asila<sub>x</sub>; kùm; sil<sub>5</sub>; sud<sub>5</sub>; ubar; ubara; ul<sub>5</sub>; umbara; un<sub>4</sub>; usigi

4×EZEN×KASKAL



gúgu

EZEN×KÙ



kisig; kising; kišag; silal<sub>x</sub>; udnim<sub>x</sub>

EZEN×LA



gubalag; gubalaga; gublaga; laban

EZEN×LÁL



asil; asila; asilal; sil<sub>x</sub>

EZEN×LI



libin

EZEN×LU



lubun

EZEN×IGI–gunû



gumle; kîsig; udinim; udnim

EZEN×ŠE



ezen<sub>4</sub>

EZEN×Ú



usil

EZEN×UD



asil<sub>6</sub>; asila<sub>6</sub>; asilal<sub>6</sub>; sil<sub>10</sub>; sillal

EZEN×X



múrgišur; šubba; un<sub>x</sub>; uru<sub>x</sub>

EZEN×SU

No sign exist

No syllabic value exist

EZEN-šeššig×AŠ

No sign exist

No syllabic value exist

EZEN-šeššig×ḪI

No sign exist

No syllabic value exist

EZEN-šeššig×IGI-gunû

No sign exist

No syllabic value exist

EZEN-šeššig×LA

No sign exist

No syllabic value exist

EZEN-šeššig×LAL

No sign exist

No syllabic value exist

EZEN-šeššig×ME

No sign exist

No syllabic value exist

EZEN-šeššig×MES

No sign exist

No syllabic value exist

EZEN-šeššig×SU

No sign exist

No syllabic value exist

ÉŠ



ege; éger; egi; égir; éš; éše; ge<sub>7</sub>; ger<sub>15</sub>; gi<sub>7</sub>; gir<sub>15</sub>; êe<sub>7</sub>; êer<sub>15</sub>; êi<sub>7</sub>; êir<sub>15</sub>;  
hug; huê; hun; iš<sub>9</sub>; izid; náḥ; saman<sub>x</sub>; ša<sub>16</sub>; šè; ši<sub>4</sub>; šù; şi<sub>9</sub>; úb; úba; úp



ÉŠ.ḤÚL



èšemen; èšemin

ÉŠ.KA



sura<sub>13</sub>; surra<sub>13</sub>; zír

ÉŠ.MAḤ



ébiḥ

ÉŠ.PAP.PAP



šè-munu<sub>4</sub>

ÉŠ . SUD . NUN . ÉŠ . TU



saman; sáman; sàman; saman<sub>x</sub>; samanur<sub>x</sub>

ÉŠ . BU . NUN . ÉŠ . TU



sáman; samanur<sub>x</sub>

ÉŠ . SUD . NUN . TU . ÉŠ



No syllabic value exist

ÉŠ . ŠE



dabin

ÉŠ.UD



zikum<sub>x</sub>; zì-kum<sub>4</sub>

ÉŠ%ÉŠ

No sign exist

No syllabic value exist

ÉŠ-tenû

No sign exist

kara<sub>x</sub>; kiri<sub>x</sub>

ÉŠ-tenû.GÍR-gunû

No sign exist

No syllabic value exist

É



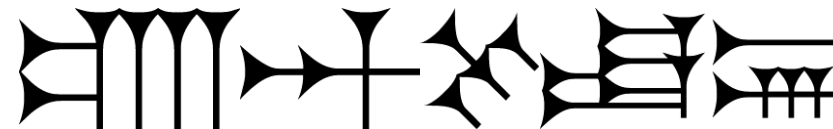
à; à; a<sub>14</sub>; bītu; bed; bet; betu; bid; bit; biti; bitu; biṭ; é; è; iski;  
pet; pid; pit; piṭ

É.A



e<sup>o</sup> i<sub>;</sub> e<sup>o</sup> u<sub>;</sub> eduru<sub>x</sub>

É . AN . ŠE . NAGA



## No syllabic value exist

É. BAR


$$s a \hat{g} \hat{g} a_x$$

É.GI.NA.AB.ĦI



šutum<sub>x</sub>

É.GI.NA.AB.U.GUD



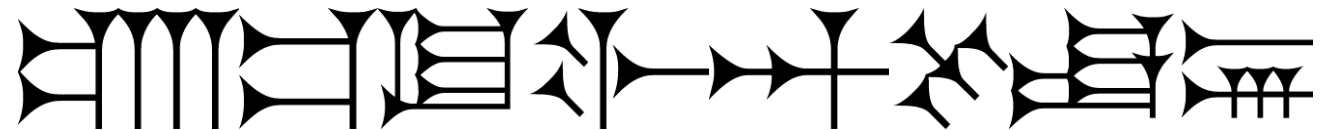
šutum

É.GI.NA.AB.TUM



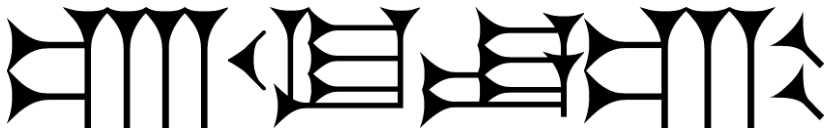
šutum<sub>x</sub>

É.GIŠ.TÚG.PI.AN.ŠE.NAGA



No syllabic value exist

É.KI.SUM.GA



eurre

É.KUR.BAD



arala; arali

É.LÚ×GÁN-tenû.A



No syllabic value exist

É.MI



itima<sub>x</sub>

É . NUN



agrun; agru<sub>x</sub>; agruna<sub>x</sub>; é-gar<sub>6</sub>

É . SAL



ama<sub>x</sub>; ame<sub>x</sub>

É . SIG<sub>4</sub>


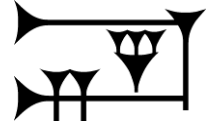


egar; igar; ingar

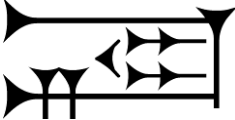

É . ŠE

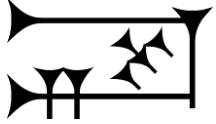


esag<sub>x</sub>

É . UŠ . BU . DA	
	arah <sub>4</sub> ; araḥa; ašlug
É × (A . ḪA . DA)	No sign exist
	edakua <sub>x</sub>
É × BAD	No sign exist
	barag <sub>x</sub> ; dag <sub>x</sub> ; gida <sub>x</sub>
É × GAR	
	egara <sub>x</sub> ; eġara <sub>x</sub> ; ġalga <sub>x</sub>



É×KUR	No sign exist	No syllabic value exist
É×MI		gagig <sub>x</sub> ; itima <sub>x</sub>
É×PAP	No sign exist	No syllabic value exist
É×SAL		ama <sub>x</sub> ; arḥuš <sub>x</sub> ; eme <sub>x</sub> ; ur <sub>x</sub> ; uš <sub>x</sub>

É×ŠE	
	$\text{arah}_x; \text{ esag}_x; \text{ usi}_x$
É×U	<p>No sign exist</p>
	$\text{sad}_x; \text{ ula}_x$



GA



ebir<sub>4</sub>; epir<sub>4</sub>; ga; gar<sub>9</sub>; gara<sub>9</sub>; ge<sub>20</sub>; gu<sub>11</sub>; gur<sub>11</sub>; ɥa<sub>7</sub>; kà; kur<sub>15</sub>; qá; šizbu

GA.A







gar<sub>11</sub>; gara<sub>11</sub>





GA. BALAG






$$sa\hat{g}a_7$$





GA. DIŠ





gar<sub>12</sub>





GA . DÚB	
	No syllabic value exist
GA . GA	
	gar <sub>x</sub>
GA . KÀD	
	peš <sub>x</sub>
GA . KASKAL	
	gaeš; gaiš; gara <sub>x</sub> ; gàraš





GA . DÚB		No syllabic value exist
GA . GA		gar <sub>x</sub>
GA . KÀD		peš <sub>x</sub>
GA . KASKAL		gaeš <sub>;</sub> gaiš <sub>;</sub> gara <sub>x;</sub> gàraš





GA . DÚB		No syllabic value exist
GA . GA		gar <sub>x</sub>
GA . KÀD		peš <sub>x</sub>
GA . KASKAL		gaeš; gaiš; gara <sub>x</sub> ; gàraš





GA . DÚB		No syllabic value exist
GA . GA		gar <sub>x</sub>
GA . KÀD		peš <sub>x</sub>
GA . KASKAL		gaeš; gaiš; gara <sub>x</sub> ; gàraš





GA . DÚB	
	No syllabic value exist
GA . GA	
	gar <sub>x</sub>
GA . KÀD	
	peš <sub>x</sub>
GA . KASKAL	
	gaeš; gaiš; gara <sub>x</sub> ; gàraš





GA . DÚB		No syllabic value exist
GA . GA		gar <sub>x</sub>
GA . KÀD		peš <sub>x</sub>
GA . KASKAL		gaeš; gaiš; gara <sub>x</sub> ; gàraš





GA . DÚB		No syllabic value exist
GA . GA		gar <sub>x</sub>
GA . KÀD		peš <sub>x</sub>
GA . KASKAL		gaeš; gaiš; gara <sub>x</sub> ; gàraš

GA . DÚB		No syllabic value exist
GA . GA		gar <sub>x</sub>
GA . KÀD		peš <sub>x</sub>
GA . KASKAL		gaeš <sub>;</sub> gaiš <sub>;</sub> gara <sub>x;</sub> gàraš

GA . DÚB		No syllabic value exist
GA . GA		gar <sub>x</sub>
GA . KÀD		peš <sub>x</sub>
GA . KASKAL		gaeš; gaiš; gara <sub>x</sub> ; gàraš

GA . DÚB	
	No syllabic value exist
GA . GA	
	gar <sub>x</sub>
GA . KÀD	
	peš <sub>x</sub>
GA . KASKAL	
	gaeš; gaiš; gara <sub>x</sub> ; gàraš

GA . DÚB	
No syllabic value exist	
GA . GA	
	gar <sub>x</sub>
GA . KÀD	
	peš <sub>x</sub>
GA . KASKAL	
	gaeš; gaiš; gara <sub>x</sub> ; gàraš

GA . DÚB	
No syllabic value exist	
GA . GA	
	gar <sub>x</sub>
GA . KÀD	
	peš <sub>x</sub>
GA . KASKAL	
	gaeš; gaiš; gara <sub>x</sub> ; gàraš

GA.KASKAL.KAL.NE



## No syllabic value exist

GA . LAGAB

kisim<sub>6</sub>

GA . MÁ . DÚB



## No syllabic value exist

GA.MÁ.IGI-gunû



sagga<sub>6</sub>; sanga<sub>6</sub>; saḡa<sub>6</sub>; sangu<sub>6</sub>

GA.MÁ.KASKAL.IGI-gunû



No syllabic value exist

GA.NI



gar<sub>10</sub>; gara<sub>10</sub>

GA.ÙZ



saĝa<sub>x</sub>

GA.ÙZ.ĜI



sanga<sub>6</sub>; saĝa<sub>x</sub>

GA.ÙZ.IGI-gunû



saĝa<sub>5</sub>; sagga<sub>5</sub>; sangu<sub>5</sub>

GABA



du<sub>8</sub>; dudda; duĥ; ga<sub>15</sub>; gab; gaba; gap; irtu; pitru; qab; qap; táĥ; tu<sub>24</sub>; tuĥ;  
tuĥu; ٲáĥ; ٲuĥ; ٲu<sub>5</sub>

GABA%GABA

No sign exist

No syllabic value exist

GABA-90°

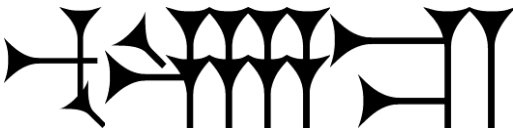
No sign exist

gaba<sub>x</sub>

GAD	𐎠	gad; gada; gadu; gat; gid <sub>4</sub> ; gida <sub>4</sub> ; kad; kat; kid <sub>9</sub> ; kit <sub>9</sub> ; kút; qàd; qàt; qàṭ; qid <sub>4</sub>
GAD.DÙN	𐎠𐎥𐎺𐎠	No syllabic value exist
GAD.TAK <sub>4</sub>	𐎠𐎶𐎶𐎶𐎶	àkkil; ášša; ašta; kil <sub>4</sub>
GAD.TAK <sub>4</sub> .GIŠ	𐎠𐎶𐎶𐎶𐎶𐎠	gim <sub>8</sub> ; seg <sub>8</sub> ; sig <sub>8</sub> ; uruaka; uruišdua; uruišduḥa; urulla



GAD.TAK<sub>4</sub>.SI



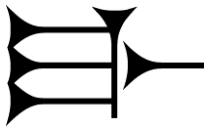
akkil

GAD&GAD.GAR&GAR



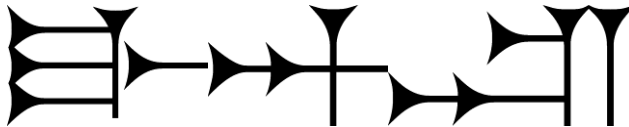
kinda

GAL



gal; gala<sub>8</sub>; gale; kál; qal; ráb; ráp

GAL.AN.ZU



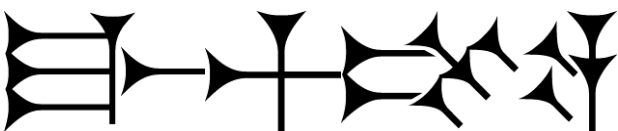
ereš<sub>5</sub>

GAL.AŠGAB



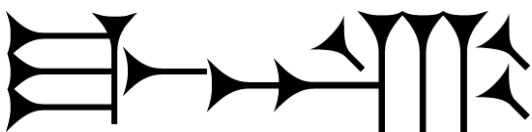
ašgabgal<sub>x</sub>

GAL.BAR.EDIN



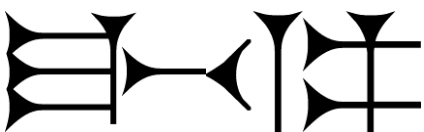
baḥargal<sub>x</sub>

GAL.BÚR



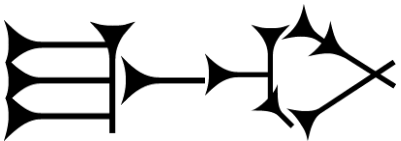
ušumgal

GAL.DI



gal-di; galti

GAL.DIM



dingal

GAL.DÍM



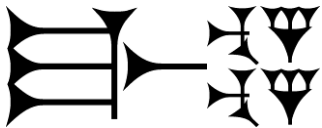
šidimgal<sub>x</sub>

GAL.DÙN-gunû-gunû



niġirgal<sub>x</sub>

GAL.GAD&GAD.GAR&GAR




kindagal; kindaġal

GAL.GIŠ.TÚG.TE.A.DU	
azlaggal <sub>x</sub>	
GAL.LUḪ	
sukkalgal <sub>x</sub>	
GAL.NAGAR	
nagargal <sub>x</sub>	
GAL.NI	
santan; santana; šandan; šandana	

# ggall<sub>x</sub>

sukkalgal<sub>x</sub>

GAL.LUH  sukkalgal<sub>x</sub>

# THE

nagargal<sub>x</sub>

GAL.NAGAR



nagargal<sub>x</sub>





# III

tana; šandan; šandana

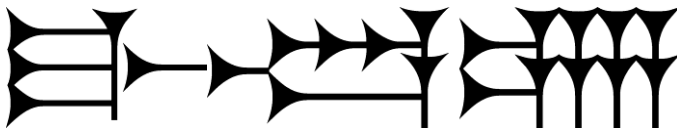
GAL.NI

santan; santana; šandan; šandana

šandana

—  —  — 154 —  —  —

GAL.ŠUBUR



ukra; úkur

GAL.TE



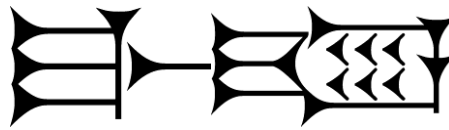
tiru; tirum

GAL.TE.LAL



gallagal<sub>x</sub>

GAL.UMUM



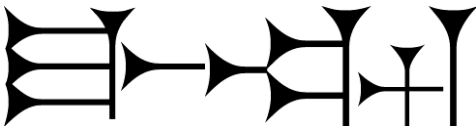
simuggal<sub>x</sub>

GAL. URI



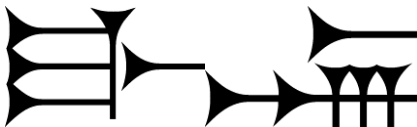
kindagal

GAL. URU×BAR



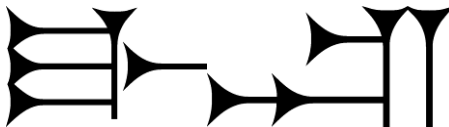
kingal

GAL. ZADIM



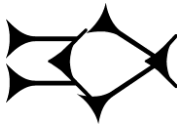
zadimgal<sub>x</sub>

GAL. ZU



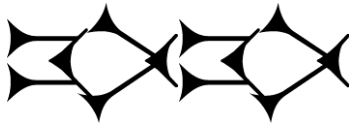
erišti<sub>x</sub>; gagazu; gal-zu

GALAM



ga<sub>x</sub>; galam; gud<sub>5</sub>; sukud; suku<sub>x</sub>; ubi

GALAM.GALAM



gagalam; gibil<sub>5</sub>

GAM

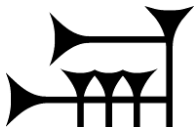





ar<sub>5</sub>; gam; gan<sub>7</sub>; girum; gum<sub>4</sub>; gúr; gúru; gurum; qam; qùr

GAN

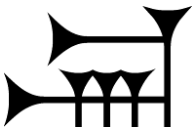


gam<sub>4</sub>; gan; gana; h́é; h́í; kan; kana; li<sub>6</sub>; qan; sag<sub>7</sub>; seg<sub>16</sub>; sig<sub>16</sub>

GÁN	
eqlu; àl; alal <sub>x</sub> ; aša <sub>5</sub> ; ašag; buru <sub>x</sub> ; gà; gán; gána; ĝà; girri <sub>x</sub> ; iku; ìšḥuru; ìšḥurum; kala <sub>x</sub> ; kán; kána; kar <sub>x</sub> ; mulu <sub>4</sub> ; ul <sub>8</sub> ; ulul <sub>x</sub>	
GÁN.BU	
mulu <sub>4</sub> ; mulu <sub>4</sub> -bu; šanna	
GÁN&GÁN	
lirum <sub>x</sub>	
GÁN%GÁN	
alal <sub>4</sub> ; girri <sub>x</sub> ; úlul	

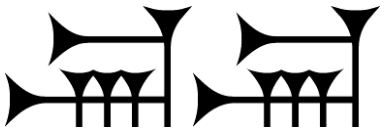


GÁN-tenû



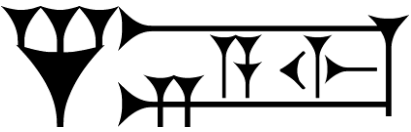
gar<sub>19</sub>; garak; gur<sub>6</sub>; guru<sub>6</sub>; il<sub>x</sub>; kár; kára; kírî

GÁN-tenû.GÁN-tenû



gugru

GAR.GÁ× (A.IGI)



gapi

GAR.GAD.TAK<sub>4</sub>.ÚR



nisiki<sub>x</sub>

GAR



ga<sub>4</sub>; gar; gara; garak<sub>5</sub>; ġar; ìnda; ìnta; kar<sub>5</sub>; ku<sub>x</sub>; màr; menari; mu<sub>8</sub>; néq; nì;  
níg; nigì<sub>x</sub>; níġ; ník; ním<sub>5</sub>; nin<sub>6</sub>; ninda; nindan; ninni; níq; nìqì<sub>x</sub>; nita<sub>4</sub>;  
qàr; qàra; sa<sub>15</sub>; šá; šikin; šu<sub>7</sub>

GAR.GU.SUR.NUN



No syllabic value exist

GAR.IB



argab; arkab; irkab

GAR.KINGUSILI.SÌLA



gidešta<sub>x</sub>

GAR.LAGAB



kibsur; kibšur

GAR.LÙ



gùg; gugina

GAR.PA.TE.SI



ensi<sub>x</sub>

GAR.SAG.ÍL.EZEN.SAL

# THE END

bálla

GAR.SAG.ÍL.EZEN.UŠ

# THE END

balla

GAR. ŠÀ

kádra

GAR.ŠÀ.A



Yours truly,  
 Y. Y. Y. Y. Y.

kadra; kadri; kadru

GAR.ŠÀ×A



kàdra; kàdri; kàdru

GAR.ŠANABI.SÌLA



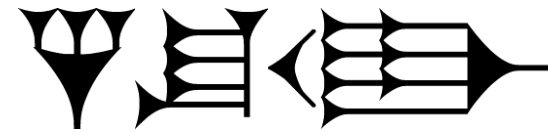
gidešta<sub>x</sub>

GAR.ŠID



uttuku; utug<sub>x</sub>; utuq<sub>x</sub>; uṭuku

GAR.ŠU.DUGUD



ìmmal

GAR.ŠUŠANA.SÌLA



gidešta

GÀR



gàr; gàra; ġàr; kàr; qar; qer<sub>5</sub>

GA-gunû






gár; gára

GAŠAN



gašan; úgun; úgunu

GÁ	
alba; ba <sub>4</sub> ; bisag; bisaĝ; bisan; èšda; gá; ge <sub>26</sub> ; ĝá; ĝe <sub>26</sub> ; ilba; mà; mal; mala; pisag; pisaĝ; pisan; ša <sub>13</sub>	
GÁ× (A.DA.ĤA)	
edakua; edakua <sub>x</sub>	
GÁ× (A.ĤA)	No sign exist
edakua <sub>x</sub>	
GÁ× (A.IGI)	
alim <sub>x</sub> ; pi <sub>7</sub> ; piru	

GÁ× (ÁB-tenû.TAB)

No sign exist

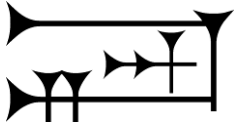
gakişşu

GÁ× (AN.KAK.A)



No syllabic value exist

GÁ×AN



ama; ame; ami; amma<sub>x</sub>; arḥuš<sub>4</sub>; dagal; dagala; daġal; damal; eme<sub>4</sub>; ḥegal; ími;  
ma<sub>x</sub>; šagan<sub>x</sub>; šakkan<sub>7</sub>





GÁ×AN.A.TU



amedu; eme<sub>4</sub>-e<sub>4</sub>-dú; émedu



GÁ×AN . AN . MÙŠ

agarim; amalu; amarim

GÁ×AN . DÙN-gunû

# LEMMING

àgarin; àôarin

GÁ×AN . KAK . A

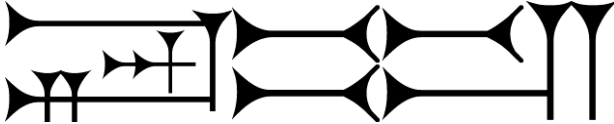
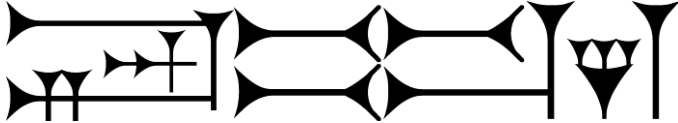

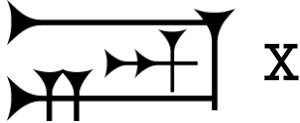
三三三

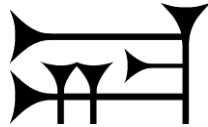
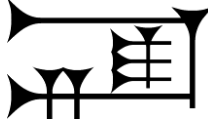
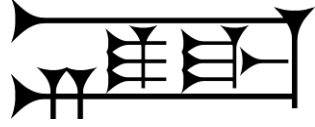
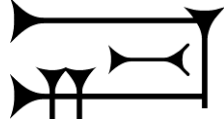
usud

GÁ×AN.LUL

[illegible]

```
amalog; malog
```

GÁ×AN.ŠIM	
agarin <sub>4</sub> ; aĝarin <sub>4</sub>	
GÁ×AN.ŠIM×GAR	
agarin <sub>5</sub> ; aĝarin <sub>5</sub> ; garin <sub>x</sub>	
GÁ×AN.TU	
eme <sub>4</sub> -dú; emedu	
GÁ×AN.X	 x
No syllabic value exist	

GÁ×AŠ	
gaiku; ĝaiku; íku	
GÁ×ÁŠ	
No syllabic value exist	
GÁ× (ÁŠ . GAL)	
gazigal	
GÁ×BAD	
etutum <sub>x</sub> ; eṭutu; sábad; sàd; tilḥar	

GÁ×BÁḪAR

No sign exist

No syllabic value exist

GÁ× (BAR . RA)



eburra; gaburra

GÁ×BUR

No sign exist

ḡaburra<sub>x</sub>

GÁ× (BUR . RA)



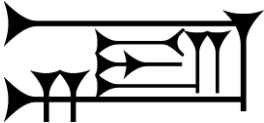
gaburra; ḡaburra

GÁ×BUR.ME

No sign exist

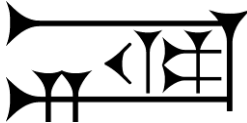
ġaburra

GÁ×DA



dan<sub>7</sub>; tan<sub>7</sub>

GÁ×DI



edi; gadi

GÁ×DIM-gunû

No sign exist

No syllabic value exist

GÁ×DIM×ŠE



mûnu

GÁ×DUB



emedub; gadub

GÁ×DUG×IGI–gunû

No sign exist

No syllabic value exist

GÁ×DUG×KASKAL

No sign exist

No syllabic value exist

GÁ×EL

No sign exist

ĝasikilla<sub>x</sub>

GÁ× (EL.LA)



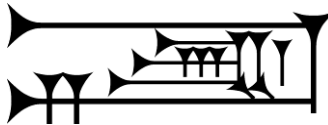
e<sup>3</sup>ella; esikilla; gasikilla; ĝasikilla

GÁ×EN



men<sub>x</sub>

GÁ×EN×GÁN-tenû



esibir; gasibir; ĝasibir

GÁ×EN .NUN



ġanun<sub>x</sub>

GÁ×EREN

No sign exist

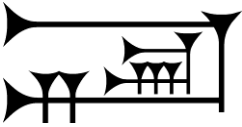
No syllabic value exist

GÁ×GA

No sign exist



No syllabic value exist

GÁ×GÁN-tenû



dan<sub>4</sub>; tan<sub>4</sub>



<p>GÁ×GAR</p>	 <p>egara; eĝara; galga; ĝalga; išĥara; išĥuru; malga</p>
<p>GÁ× (GAR.DI)</p>	<p>No sign exist</p> <p>No syllabic value exist</p>
<p>GÁ× (GAR.NE)</p>	<p>No sign exist</p> <p>No syllabic value exist</p>
<p>GÁ×GI</p>	 <p>bisag<sub>x</sub>; bisan<sub>x</sub>; gági; gágia; gurdub; pisag<sub>x</sub>; pisan<sub>x</sub></p>

$G\acute{A} \times GI_4$



egia; gagi; gagia; gúrdub; ġagia; pisag<sub>x</sub>; pisan<sub>x</sub>

$G\acute{A} \times (GI_4.A)$

No sign exist

ġagia<sub>x</sub>

$G\acute{A} \times (G\acute{I}R.SU)$



egirsu; gagirsu; ġaġirsu

$G\acute{A} \times (ḪA.A)$

No sign exist

No syllabic value exist

GÁ× (ḪA.LU.ÉŠ)



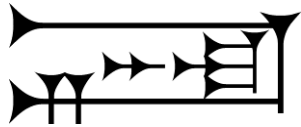
ḫalubba

GÁ×ḪAL

No sign exist

ḡaḫalla<sub>x</sub>

GÁ× (ḪAL.LA)







eḫalla; gaḫalla; ḡaḫalla

GÁ× (ḪI.LI)



eḫili; gaḫili; ḡaḫili

GÁ×ĤÚB	
garaš	
GÁ× (IŠ.ĤU.AŠ)	
išĥuru <sub>5</sub> ; išĥurum <sub>5</sub>	
GÁ×KAK	
am <sub>4</sub> ; ama <sub>4</sub>	
GÁ×KASKAL	
me <sub>7</sub>	

GÁ×KID

No sign exist

ĝalilla<sub>x</sub>

GÁ× (KID.LAL)



elilla; galilla; ĝalilla

GÁ× (KÙ.AN)



eazag; ga<sup>3</sup>azag; gazag; ĝasag

GÁ× (KÚŠU.KASKAL)

No sign exist

No syllabic value exist

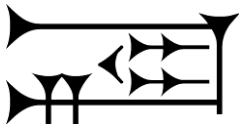
GÁ×LA	No sign exist
dağal <sub>x</sub>	
GÁ×LAM	No sign exist
No syllabic value exist	
GÁ×LAM×KUR	No sign exist
No syllabic value exist	
GÁ×LUḤ	No sign exist
No syllabic value exist	

GÁ× (ME . EN)



dán; èra; eri<sub>15</sub>; men; men<sub>x</sub>; mi<sub>4</sub>; min<sub>7</sub>; tán

GÁ×MI



gagig; idi; itim; itima; utima

GÁ×MUŠ

No sign exist

No syllabic value exist

GÁ×NE

No sign exist

No syllabic value exist

GÁ× (NE.É)

No sign exist

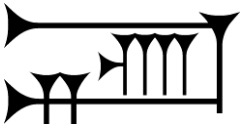
ḫalub<sub>x</sub>

GÁ× (NE.GI)

No sign exist

No syllabic value exist

GÁ×NUN



ganun; ḡanun; ušuš

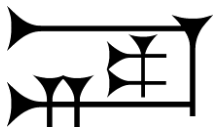
GÁ× (NUN&NUN)



gušur; ḡušur; ùr; ùra; uru<sub>12</sub>



GÁ×PA



era<sub>4</sub>; eri<sub>16</sub>; išḫara<sub>4</sub>; išḫur<sub>4</sub>; išḫuru<sub>4</sub>; sila<sub>4</sub>; silaku

GÁ×SAL



am<sub>5</sub>; ama<sub>5</sub>; áme; ámi; arḫuš; eme<sub>8</sub>; ur<sub>14</sub>; ùš

GÁ×SAR



gàzi

GÁ×IGI–gunû



bara<sub>10</sub>; gaga; galga<sub>x</sub>; sàbad; sad<sub>4</sub>

GÁ× (SÌLA.ME)

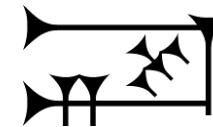
**No sign exist**

$\text{sil}_x$

$$G\dot{A} \times SUM$$


gázi

GÁ × ŠE



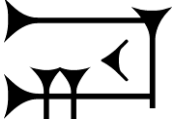



àrah; asag<sub>x</sub>; ésag; ésaĝ; usi

GÁ× (ŠE.TUR)



esagtur; esaĝtur

GÁ×ŠID	
émedub	
GÁ×ŠIM	No sign exist
No syllabic value exist	
GÁ×TAK <sub>4</sub>	
dàn; tàn	
GÁ×U	
dag <sub>x</sub> ; sabad; sád; úla	

<p>GÁ×UD</p>	<div></div> <p>erim<sub>4</sub>; erin<sub>4</sub>; etam; karam</p>
<p>GÁ× (UD.DU)</p>	<p>No sign exist</p> <p>No syllabic value exist</p>
<p>GÁ×ZÍZ</p>	<p>No sign exist</p> <p>gazi; gaza<sub>x</sub></p>
<p>GÁ×X</p>	<p>No sign exist</p> <p>No syllabic value exist</p>

GÁ&GÁ

No sign exist

lirum<sub>x</sub>

GEŠTIN



geštin; geština; ġeštin; ġeština

GEŠTIN×KUR






àdar; ildag<sub>4</sub>

GEŠTIN×U

No sign exist


No syllabic value exist

GE <sub>22</sub>	 <p>ge<sub>22</sub>; sâĝtak; sânta; sântag; sântak; ubura; uburu; ulil; uma; utag; utak; uzalag; uzak</p>
GI	 <p>èšša; ge; gen<sub>6</sub>; gi; gin<sub>6</sub>; gitag; ké; kí; qán; qè; qì; seg<sub>17</sub>; si<sub>22</sub>; sig<sub>17</sub>; sissi<sub>x</sub>; tar<sub>5</sub>; taru<sub>5</sub></p>
GI.KAK	 <p>kìlim</p>
GI.KID.MAĤ	 <p>murux</p>

GI.LU àma

# Hand

àma

GI.NA.AB.NA.TUM   
šutum<sub>x</sub>

šutum<sub>x</sub>

šutum<sub>x</sub>

GI.NA.AB.U.GUD      𒂍𒀭𒈾𒄩𒃶𒅗

šutum; šútum; šutum<sub>x</sub>

um; šutum<sub>x</sub>

šutum; šútum; šutum<sub>x</sub>

GI.ŠÀ.GI



𒂍𒌆𒂍𒌆𒂍𒌆𒂍𒌆𒂍𒌆

No syllabic value exist



ie exist

## No syllabic value exist

GI.PAD	
šudug	
GI×E	
No syllabic value exist	
GI×TAK <sub>4</sub>	No sign exist
gitag	
GI×U	No sign exist
No syllabic value exist	



GI%GI



esir<sub>4</sub>; ge<sub>16</sub>; gel; gîg; gi<sub>16</sub>; gib; gil; gili; gilib<sub>x</sub>; gilim; gillim; kíl; kílim;  
qíl; qíli; unu<sub>10</sub>

GIDIM



gedim; gidim; kitim

GIG



ge<sub>17</sub>; gi<sub>17</sub>; gîb; gig; kiĝ; kik; qiq; sim<sub>x</sub>

GÍR



gar<sub>x</sub>; gír; gíri; ĝír; ĝíri; ir<sub>x</sub>; mèt; mèri; miri<sub>x</sub>; patru; ukur



GÍR-gunû



ád; adda<sub>4</sub>; àddu; át; áṭ; kíša; kíšeg; kiši<sub>17</sub>; kíšig; kíšik; táb; ul<sub>4</sub>

GÌR



ánše; ánšu; er<sub>9</sub>; gèr; gír; gíri; gíru; ġír; ġíri; húš; imeri<sub>x</sub>; ir<sub>9</sub>; kir<sub>10</sub>; kiri<sub>5</sub>; mer<sub>x</sub>; miri<sub>x</sub>; qir<sub>7</sub>; sakkan; sumugan; sumugga; sumukan; sumuqan; šákan; šákkán; wir

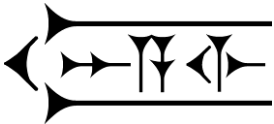
GÌR.ARAD



šaggin; šaggina; šagina; šakan<sub>6</sub>; šakkana

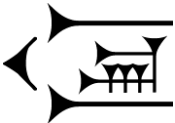
GÌR.BAR	
kišer; šer <sub>11</sub>	
GÌR.GÁ×PA.A.AN	
sákkān	
GÌR.ŠU.IG	
ḥubud	
GÌR.ZA-tenû	
gir <sub>x</sub> ; irgi	

GÌR×(A.IGI)



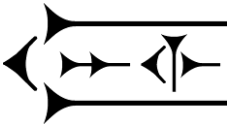
alim; alima

GÌR×GÁN-tenû



gir<sub>16</sub>; giri<sub>16</sub>; gírid; ġiri<sub>16</sub>; ir<sub>x</sub>

GÌR×IGI



alim<sub>x</sub>

GÌR×(LU.IGI)



lulim; lulima

GÌR×PA



anše<sub>x</sub>

GISAL



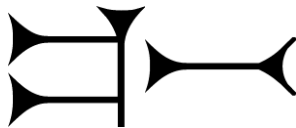
bíz; gisal; gišal; gizal; ĝizzal; ĝisal; ĝizal; mizal

GIŠ



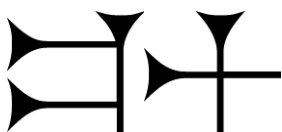
išu; es; eš<sub>19</sub>; eṣ; ez; geš; gez; gis; giš; giša; giṣ; giz; ĝeš; ĝiš; ĝizzal<sub>x</sub>;  
is; iš<sub>6</sub>; iṣ; iz; kīs; miš; mu<sub>9</sub>; nīs; néš; níš

GIŠ.BAD



mišsun

GIŠ.BAR



gíra

GIŠ.DIN



geš-tin; wi<sub>5</sub>

GIŠ.DÙN-gunû.MAŠ



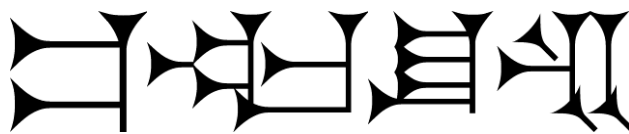
gilgames; gilgameš

GIŠ.GAR.UMBIN



nisiki<sub>x</sub>

GIŠ.KA.KAD<sub>4</sub>



kaĝeškara<sub>x</sub>

GIŠ.KA.KAD<sub>5</sub>



kaĝeškara<sub>x</sub>

GIŠ.KI.BI



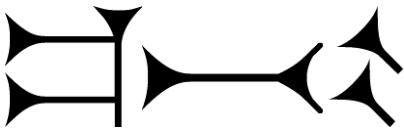
gešbun<sub>x</sub>

GIŠ.KU



ĝéštukul

GIŠ.KUL



kul<sub>x</sub>

GIŠ.KÚŠU



umma; ummen<sub>x</sub>; ummi<sub>x</sub>

GIŠ.LÚ



giri<sub>x</sub>; ġešgiri<sub>x</sub>

GIŠ.MÁ.RA



amra



GIŠ.MI	𒄩𒄪𒄫	dimmuš <sub>x</sub> ; gissu; gizzu; ĝissu; luḫum <sub>x</sub> ; luḫummu; ṣil <sub>4</sub> ; úbilla
GIŠ.NE	𒄩𒄪𒄫	bil <sub>4</sub> ; pil <sub>4</sub>
GIŠ.NE.GA.MES	𒄩𒄪𒄫𒄬𒄭𒄮𒄯𒄰𒄱	gìlgames; gílgameš
GIŠ.NE-šeššig	𒄩𒄪𒄫𒄬𒄭𒄮	bìl; gibil <sub>x</sub> ; pìl; šeg <sub>x</sub> ; ubilla

GIŠ.NE-šeššig.GA.ME.U.U.U



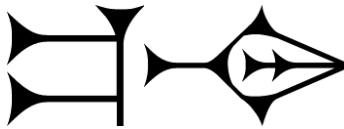
gílgameš

GIŠ.NI



No syllabic value exist

GIŠ.NU<sub>11</sub>



ĝeš-nu<sub>11</sub>

GIŠ.PI.TÚG



gèšdu; gèštu; gèštug; ĝèštu; ĝèštug; gìšdu; gìštu; gìštug; ĝìštu; ĝìštug

GIŠ.RU



gešbu<sub>x</sub>; gešpa<sub>x</sub>; gešpu<sub>x</sub>; ġešbu<sub>x</sub>; ġešpa<sub>x</sub>; ġešpu<sub>x</sub>

GIŠ.SAL.KUR



umma<sub>x</sub>

GIŠ.ŠU.LÚ



giri<sub>x</sub>

GIŠ.TAR



mišħaš

GIŠ.TÚG.PI



géšdu; géštu; géštug; êéštug; êéštu; gíšdu; gíštu; gíštug; êíštug; êíštu

GIŠ.TÚG.PI.BU-tenû.NUN

**No sign exist**

êizzal<sub>x</sub>

GIŠ.TÚG.PI.ŠIR-tenû.NUN



êizzal<sub>x</sub>

GIŠ.TÚG.PI.NU<sub>11</sub>-90°.SÎLA



gišzal; gízal; gizzal; êezzal; êizzal; misal; gízzal; êízzal; gizzal<sub>x</sub>;  
êizzal<sub>x</sub>



GIŠ.TÚG.PI.NU<sub>11</sub>.SÌLA



No syllabic value exist

GIŠ.TÚG.PI.SÌLA.A



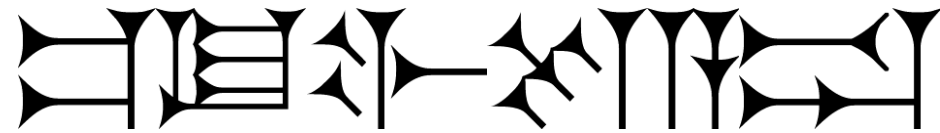
No syllabic value exist

GIŠ.TÚG.PI.TE.A



ašlag<sub>5</sub>; azalag<sub>5</sub>; azlag<sub>5</sub>

GIŠ.TÚG.PI.TE.A.DU



àšlag; àzalag; àzlag

GIŠ.TÚG.TE.A



ašlag<sub>6</sub>; azalag<sub>6</sub>; azlag<sub>6</sub>

GIŠ.TÚG.TE.A.DU



ašlag<sub>4</sub>; azalag<sub>4</sub>; azlag<sub>4</sub>

GIŠ×BAD



gešhar; gišhar; ziz<sub>4</sub>

GIŠ× (GIŠ%GIŠ)

No sign exist

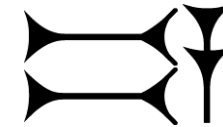
No syllabic value exist

GIŠ×TAK<sub>4</sub>

No sign exist

ezinu<sub>x</sub>; qišat<sub>x</sub>; šabu<sub>x</sub>; še<sub>x</sub>; ter<sub>x</sub>; tir<sub>x</sub>

GIŠ%GIŠ




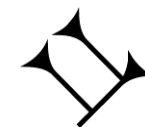
àdamin; àdamen; puḫrum; àlal; án; dara<sub>5</sub>; dari<sub>5</sub>; daru<sub>5</sub>; dur<sub>4</sub>; duru<sub>4</sub>; durum<sub>4</sub>;  
ḫùl; kib; kip; gíb; gíp; girri<sub>x</sub>; lîri; lîru; lîrum; qeb; qep; qib; qip;  
šallur; šennur; tur<sub>4</sub>; ṭur<sub>4</sub>; ùl; ulul

GIŠ%GIŠ.ZA



lirum<sub>x</sub>

GIŠ-tenû  gur<sub>17</sub>; guru<sub>17</sub>; kana<sub>7</sub>



gur<sub>17</sub>; guru<sub>17</sub>; kana<sub>7</sub>


GI<sub>4</sub>

ga<sub>8</sub>; gagri; ge<sub>4</sub>; gi<sub>4</sub>; ki<sub>8</sub>; qe<sub>4</sub>; qi<sub>4</sub>



ga<sub>8</sub>; gagri; ge<sub>4</sub>; gi<sub>4</sub>; ki<sub>8</sub>; qe<sub>4</sub>; qi<sub>4</sub>

GI<sub>4</sub>&GI<sub>4</sub>



kil<sub>x</sub>

kil<sub>x</sub>

esir<sub>5</sub>; gigi



GU



gu; gum<sub>x</sub>; ku<sub>8</sub>; qù

GU.SUR.NUN



## No syllabic value exist

GU%GU




sa<sub>x</sub>; sa<sub>h</sub><sub>4</sub>; si<sub>h</sub><sub>5</sub>; sù<sub>h</sub>; za<sub>x</sub>; zi<sub>h</sub>

GU%GU.GU%GU



sishe

GUD.GIŠ	
No syllabic value exist	
GUD.GIŠ×KÍD	No sign exist
No syllabic value exist	
GUD.GIŠ×TAK <sub>4</sub>	No sign exist
No syllabic value exist	
GUD×AŠ	No sign exist
adda <sub>x</sub>	

GUD



alpu; alap; baḥar; dapar; dapara; dipar; eštub; gadma; gar<sub>4</sub>; gara<sub>4</sub>; gidim<sub>7</sub>;  
gu<sub>4</sub>; gud; gudma; gudu; gugarid; gur<sub>x</sub>; ḥār; ḥāra; kamuš; ku<sub>15</sub>; kušdim; kušgim;  
kùšum; lagab<sub>x</sub>; qadma; qudma<sub>x</sub>; rušban; rušpan; šušgim; zèb; zìb

GUD×BAD

No sign exist

adda<sub>x</sub>

GUD.AN.NA



lium

GUD× (A.KUR)



íldag

GUD×KUR



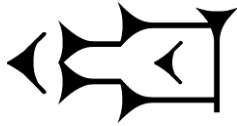
ádar; am; áma; ìldag

GUD&GUD.LUGAL



bìšeba; bìšebi; kàššeba; kàššebi

GUL



gul; gulu; ísi; ísim; ísimu; kúl; qúl; si<sub>23</sub>; súnun; súnuna; súnunu; sún;  
súna; šùn



gas; gaş; gaz; gaza; kàs; kaš<sub>6</sub>; kàş; kaz; kum<sub>x</sub>; nàga; nàğa

# 三



bur<sub>7</sub>; buru<sub>7</sub>; gurin; guru<sub>20</sub>; gurun<sub>x</sub>; gurun; kurrun<sub>x</sub>; kurun<sub>6</sub>

GURUŠ

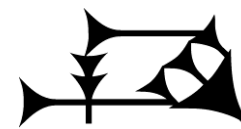


gíreš; gírīš; guruš; ġéreš; ġuruš; muruš<sub>x</sub>

GUR<sub>7</sub>

gur<sub>7</sub>; guru<sub>7</sub>; kara<sub>6</sub>; kuru<sub>13</sub>

GÚ



kišādu; gú; gún; lil<sub>6</sub>; qu<sub>6</sub>; tek; tik; tiq; usan<sub>x</sub>

GÚ . GÀR



idigna; dalla<sub>x</sub>

GÚ.NUNUZ



nida

GÚ.UN



biltu; gun

GÚ×IGI-gunû

No sign exist

No syllabic value exist

GÚ×KAK



dur; túr; țur; usan<sub>x</sub>

GÚ×KAK.GIŠ%GIŠ



duran; turan

GÚ×KAK×IGI-gunû

**No sign exist**

ugur<sub>x</sub>

GÚ × NUN



mùnsub; mùsub; sùb; usan; usian; ušen

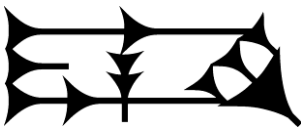
$G \times (SAL.TÚG)$



gueriši



GÚ-gunû



mud<sub>x</sub>; munsub<sub>4</sub>; musub<sub>4</sub>; usa<sub>x</sub>; úsan

$$\text{H}\text{A}$$
<sup>3</sup> a<sub>4</sub>; a<sub>7</sub>; aya<sub>x</sub>; gir<sub>14</sub>; ھا; kir<sub>9</sub>; ku<sub>6</sub>; kua; peš<sub>11</sub>
$$\mathbb{H}A \cdot A$$

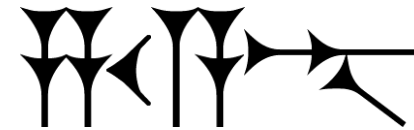

kuar; kuara; saḥ<sub>6</sub>; saḥa<sub>6</sub>; záh; záḥa

HA.A.TAR.DU







## No syllabic value exist

H\_A.A.TAR



## No syllabic value exist

<p>ḪA.TAR.A.DU</p> <p>No syllabic value exist</p>	
<p>ḪA.TAR.DU</p> <p>No syllabic value exist</p>	
<p>ḪA.NAGAR.BU</p> <p>dullu<sub>x</sub></p>	
<p>ḪA.ZAG</p> <p>enku<sub>x</sub></p>	



bís; biš; búš; ger; gir; giri; ĝir; ĝiri; ĥa<sub>6</sub>; kar<sub>4</sub>; ker; kir; kiri; pes;  
peš; pis; piš; piša; pus; pùš; qer; qir; qiri; šeg<sub>x</sub>

No sign exist

zena<sub>x</sub>

há

$$\mathbb{H}^1 \times \mathbb{A}^1$$


(ĤI×AŠ) & (ĤI×AŠ)

No sign exist

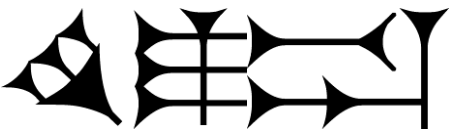
No syllabic value exist

ĤI×ÁŠ

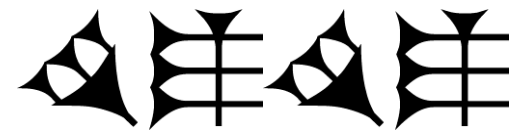


àr; àra; endibdim; ga<sub>11</sub>; gadibdim; gin<sub>8</sub>; gu<sub>13</sub>; gudibdim; gunu<sub>x</sub>; gur<sub>14</sub>; ĥar;  
ĥara; ĥír; ĥu<sub>4</sub>; ĥur; ĥuru; ir<sub>5</sub>; kikken; kikkín; kén; kín; kinkin; mar<sub>6</sub>; mur;  
muru; murum; sagbar; sággar; ságĝar; sur<sub>x</sub>; unu<sub>x</sub>; ur<sub>5</sub>; ura<sub>5</sub>; uru<sub>x</sub>

ĤI×ÁŠ.DU

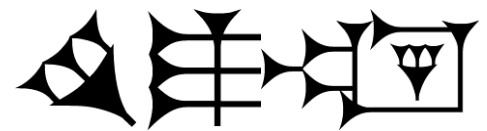


ur<sub>5</sub>-ša<sub>4</sub>; urša

$$\text{HI} \times \acute{\text{A}}\check{\text{S}} \cdot \text{HI} \times \acute{\text{A}}\check{\text{S}}$$


ara<sub>5</sub>; kíkken; kíkkin; kínkin

HI×ÁŠ.KA×GAR



ur<sub>5</sub>-gu<sub>7</sub>; urgu

HUI × ÁŠ . SAG



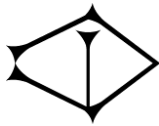
azubir; azugna; azukna

HI × BAD



du<sub>15</sub>; eriš<sub>6</sub>; gám; gáma; hùd; ka<sub>13</sub>; kam; kama; qám; tu<sub>7</sub>; údul; útul

𐤅𐤓𐤁𐤌𐤔



as<sub>6</sub>; aš<sub>8</sub>; šardiš; šargeš; úmma; utul<sub>x</sub>

𐤅𐤓𐤁𐤌



sargad; šargad; šargadu

𐤅𐤓𐤍𐤏𐤏



gúkin

𐤅𐤓𐤍𐤁𐤔

No sign exist

No syllabic value exist



ḪI×NUN



á<sup>3</sup>; aḥ; aḥa; bi<sub>9</sub>; dūga; é<sup>3</sup>; eḥ; giriš<sub>x</sub>; gudu<sub>x</sub>; í<sup>3</sup>; iḥ; nu<sub>13</sub>; nūmun; u<sub>13</sub>; ú<sup>3</sup>;  
uḥ; uḥu; uman; ūmun; uplu<sub>x</sub>

ḪI×NUN.ḪI×NUN



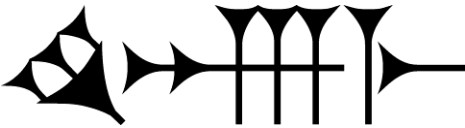
uḥ<sub>x</sub>

ḪI×NUN.KASKAL



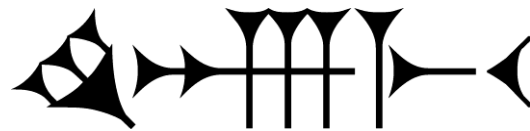
kiš<sub>i13</sub>

ḪI×NUN.ME



gud<sub>x</sub>; gúda; gudda<sub>x</sub>; gudu<sub>4</sub>; gudug; šútug

𐎶𐎵×NUN.ME.U



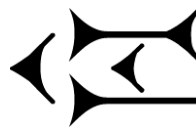
luḫša; luḫšu; úlu; utul<sub>12</sub>

𐎶𐎵×ŠE



ber; bir; biri; dubur; éllag; éllaĝ; ellam<sub>x</sub>; gereš; gireš; giriš; kálam; pìr;  
ur<sub>x</sub>; zanzana

𐎶𐎵×U



dúbur; šaru; šar<sup>ʹ</sup>u

𐎶𐎵×(U.U)

**No sign exist**

šarumin<sub>x</sub>

ḤI . ḤU



No syllabic value exist

ḤI-gunû

No sign exist

No syllabic value exist

ḤU



<sup>ɔ</sup>u<sub>5</sub>; bag; baḥ; bak; baq; buru<sub>x</sub>; dal<sub>x</sub>; ḥu; muš<sub>8</sub>; mušen; mušena; pa<sub>7</sub>; pag; pàḥ;  
pak; paq; púq; tal<sub>x</sub>; u<sub>11</sub>; usan<sub>5</sub>

ḤU.ÉRIN



No syllabic value exist

HU.ŠE.ÉRIN

bur<sub>5</sub>

$\text{H}\text{U} \cdot \text{H}\text{I}$

màt; mu<sub>12</sub>; mud; mut; muṭ; muṭu<sub>x</sub>

HU . KAK

十

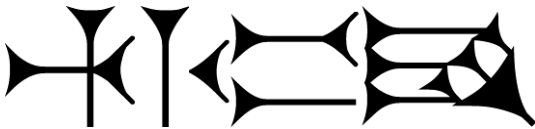
usanda; usandu

HU.MI.AN.IM

**KIRKLAND SIGNATURE**

anzu<sub>x</sub>

ḤU.NÁ



na<sub>x</sub>; nu<sub>x</sub>; sa<sub>4</sub>; ša<sub>22</sub>; še<sub>21</sub>

ḤU.SI



u<sub>5</sub>; ùd

ḤÚB



du<sub>x</sub>; húb; húp; kùp; tu<sub>11</sub>; tuk<sub>x</sub>; tum<sub>x</sub>; tún

ḤÚB.DU



rig<sub>9</sub>

ḪÚB×AN	No sign exist
	No syllabic value exist
ḪÚB×LIŠ	No sign exist
	No syllabic value exist
ḪÚB×ḪAL	No sign exist
	No syllabic value exist
ḪÚB×KASKAL	No sign exist
	No syllabic value exist

ḤÚB×UD



ḥub; ḥup; qúp; tu<sub>10</sub>; taḥta<sub>x</sub>; taḥtu<sub>x</sub>; tum<sub>x</sub>; tun

ḤÚL




bibra; bibri; guggal; gukkal; ḥúl; ḥúla; kungal; kuš<sub>8</sub>; úkuš

ḤUŠ



hiš<sub>4</sub>; huš; huša; hušu<sub>x</sub>; ruš



ia; ie; ii; iu; yí




kun<sub>4</sub> ; kuŋ<sub>4</sub>




I.LÚ-šeššig.NA

arina<sub>x</sub>






arina<sub>x</sub>

íA
 

í; ía




í; ía

IB 

arkab<sub>x</sub>; dár; dára; dári; dárú; dárú; díri; eb; ep; ib; ibbi; ip; uraš; urta



arkab<sub>x</sub>; dár; dára; dári; dáru; dárum; díri; eb; ep; ib; ibbi; ip; uraš; urta

IDIM 

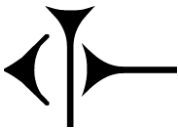
ári; banda<sub>4</sub>; deḥi<sub>4</sub>; èše; ḥaniš; idim; iri<sub>8</sub>; kir<sub>5</sub>; mid; nagbu; pa<sub>x</sub>; rápiqu;  
 sullat; šullat; teḥi<sub>4</sub>; uri<sub>4</sub>; urum<sub>x</sub>



ári; banda<sub>4</sub>; deḡi<sub>4</sub>; èše; ḡaniš; idim; iri<sub>8</sub>; kir<sub>5</sub>; mid; nagbu; pa<sub>x</sub>; rápiqu;  
sullat; šullat; teḡi<sub>4</sub>; uri<sub>4</sub>; urum<sub>x</sub>

IDIM&IDIM.BUR	𐎠𐎡𐎢𐎣𐎤𐎥𐎦𐎧𐎨𐎩𐎪𐎫𐎬𐎭𐎮𐎯𐎰𐎱𐎲𐎳𐎴𐎵𐎶𐎷𐎸𐎹𐎺𐎻𐎼𐎽𐎾𐎿𐏀𐏁𐏂𐏃𐏄𐏅𐏆𐏇𐏈𐏉𐏊𐏋𐏌𐏍𐏎𐏏𐏐𐏑𐏒𐏓𐏔𐏕𐏖𐏗𐏘𐏙𐏚𐏛𐏜𐏝𐏞𐏟𐏠𐏡𐏢𐏣𐏤𐏥𐏦𐏧𐏨𐏩𐏪𐏫𐏬𐏭𐏮𐏯𐏰𐏱𐏲𐏳𐏴𐏵𐏶𐏷𐏸𐏹𐏺𐏻𐏼𐏽𐏾𐏿𐐀𐐁𐐂𐐃𐐄𐐅𐐆𐐇𐐈𐐉𐐊𐐋𐐌𐐍𐐎𐐏𐐐𐐑𐐒𐐓𐐔𐐕𐐖𐐗𐐘𐐙𐐚𐐛𐐜𐐝𐐞𐐟𐐠𐐡𐐢𐐣𐐤𐐥𐐦𐐧𐐨𐐩𐐪𐐫𐐬𐐭𐐮𐐯𐐰𐐱𐐲𐐳𐐴𐐵𐐶𐐷𐐸𐐹𐐺𐐻𐐼𐐽𐐾𐐿𐑀𐑁𐑂𐑃𐑄𐑅𐑆𐑇𐑈𐑉𐑊𐑋𐑌𐑍𐑎𐑏𐑐𐑑𐑒𐑓𐑔𐑕𐑖𐑗𐑘𐑙𐑚𐑛𐑜𐑝𐑞𐑟𐑠𐑡𐑢𐑣𐑤𐑥𐑦𐑧𐑨𐑩𐑪𐑫𐑬𐑭𐑮𐑯𐑰𐑱𐑲𐑳𐑴𐑵𐑶𐑷𐑸𐑹𐑺𐑻𐑼𐑽𐑾𐑿𐒀𐒁𐒂𐒃𐒄𐒅𐒆𐒇𐒈𐒉𐒊𐒋𐒌𐒍𐒎𐒏𐒐𐒑𐒒𐒓𐒔𐒕𐒖𐒗𐒘𐒙𐒚𐒛𐒜𐒝𐒞𐒟𐒠𐒡𐒢𐒣𐒤𐒥𐒦𐒧𐒨𐒩𐒪𐒫𐒬𐒭𐒮𐒯𐒰𐒱𐒲𐒳𐒴𐒵𐒶𐒷𐒸𐒹𐒺𐒻𐒼𐒽𐒾𐒿𐓀𐓁𐓂𐓃𐓄𐓅𐓆𐓇𐓈𐓉𐓊𐓋𐓌𐓍𐓎𐓏𐓐𐓑𐓒𐓓𐓔𐓕𐓖𐓗𐓘𐓙𐓚𐓛𐓜𐓝𐓞𐓟𐓠𐓡𐓢𐓣𐓤𐓥𐓦𐓧𐓨𐓩𐓪𐓫𐓬𐓭𐓮𐓯𐓰𐓱𐓲𐓳𐓴𐓵𐓶𐓷𐓸𐓹𐓺𐓻𐓼𐓽𐓾𐓿𐔀𐔁𐔂𐔃𐔄𐔅𐔆𐔇𐔈𐔉𐔊𐔋𐔌𐔍𐔎𐔏𐔐𐔑𐔒𐔓𐔔𐔕𐔖𐔗𐔘𐔙𐔚𐔛𐔜𐔝𐔞𐔟𐔠𐔡𐔢𐔣𐔤𐔥𐔦𐔧𐔨𐔩𐔪𐔫𐔬𐔭𐔮𐔯𐔰𐔱𐔲𐔳𐔴𐔵𐔶𐔷𐔸𐔹𐔺𐔻𐔼𐔽𐔾𐔿𐕀𐕁𐕂𐕃𐕄𐕅𐕆𐕇𐕈𐕉𐕊𐕋𐕌𐕍𐕎𐕏𐕐𐕑𐕒𐕓𐕔𐕕𐕖𐕗𐕘𐕙𐕚𐕛𐕜𐕝𐕞𐕟𐕠𐕡𐕢𐕣𐕤𐕥𐕦𐕧𐕨𐕩𐕪𐕫𐕬𐕭𐕮𐕯𐕰𐕱𐕲𐕳𐕴𐕵𐕶𐕷𐕸𐕹𐕺𐕻𐕼𐕽𐕾𐕿𐖀𐖁𐖂𐖃𐖄𐖅𐖆𐖇𐖈𐖉𐖊𐖋𐖌𐖍𐖎𐖏𐖐𐖑𐖒𐖓𐖔𐖕𐖖𐖗𐖘𐖙𐖚𐖛𐖜𐖝𐖞𐖟𐖠𐖡𐖢𐖣𐖤𐖥𐖦𐖧𐖨𐖩𐖪𐖫𐖬𐖭𐖮𐖯𐖰𐖱𐖲𐖳𐖴𐖵𐖶𐖷𐖸𐖹𐖺𐖻𐖼𐖽𐖾𐖿𐗀𐗁𐗂𐗃𐗄𐗅𐗆𐗇𐗈𐗉𐗊𐗋𐗌𐗍𐗎𐗏𐗐𐗑𐗒𐗓𐗔𐗕𐗖𐗗𐗘𐗙𐗚𐗛𐗜𐗝𐗞𐗟𐗠𐗡𐗢𐗣𐗤𐗥𐗦𐗧𐗨𐗩𐗪𐗫𐗬𐗭𐗮𐗯𐗰𐗱𐗲𐗳𐗴𐗵𐗶𐗷𐗸𐗹𐗺𐗻𐗼𐗽𐗾𐗿𐘀𐘁𐘂𐘃𐘄𐘅𐘆𐘇𐘈𐘉𐘊𐘋𐘌𐘍𐘎𐘏𐘐𐘑𐘒𐘓𐘔𐘕𐘖𐘗𐘘𐘙𐘚𐘛𐘜𐘝𐘞𐘟𐘠𐘡𐘢𐘣𐘤𐘥𐘦𐘧𐘨𐘩𐘪𐘫𐘬𐘭𐘮𐘯𐘰𐘱𐘲𐘳𐘴𐘵𐘶𐘷𐘸𐘹𐘺𐘻𐘼𐘽𐘾𐘿𐙀𐙁𐙂𐙃𐙄𐙅𐙆𐙇𐙈𐙉𐙊𐙋𐙌𐙍𐙎𐙏𐙐𐙑𐙒𐙓𐙔𐙕𐙖𐙗𐙘𐙙𐙚𐙛𐙜𐙝𐙞𐙟𐙠𐙡𐙢𐙣𐙤𐙥𐙦𐙧𐙨𐙩𐙪𐙫𐙬𐙭𐙮𐙯𐙰𐙱𐙲𐙳𐙴𐙵𐙶𐙷𐙸𐙹𐙺𐙻𐙼𐙽𐙾𐙿𐚀𐚁𐚂𐚃𐚄𐚅𐚆𐚇𐚈𐚉𐚊𐚋𐚌𐚍𐚎𐚏𐚐𐚑𐚒𐚓𐚔𐚕𐚖𐚗𐚘𐚙𐚚𐚛𐚜𐚝𐚞𐚟𐚠𐚡𐚢𐚣𐚤𐚥𐚦𐚧𐚨𐚩𐚪𐚫𐚬𐚭𐚮𐚯𐚰𐚱𐚲𐚳𐚴𐚵𐚶𐚷𐚸𐚹𐚺𐚻𐚼𐚽𐚾𐚿𐛀𐛁𐛂𐛃𐛄𐛅𐛆𐛇𐛈𐛉𐛊𐛋𐛌𐛍𐛎𐛏𐛐𐛑𐛒𐛓𐛔𐛕𐛖𐛗𐛘𐛙𐛚𐛛𐛜𐛝𐛞𐛟𐛠𐛡𐛢𐛣𐛤𐛥𐛦𐛧𐛨𐛩𐛪𐛫𐛬𐛭𐛮𐛯𐛰𐛱𐛲𐛳𐛴𐛵𐛶𐛷𐛸𐛹𐛺𐛻𐛼𐛽𐛾𐛿𐜀𐜁𐜂𐜃𐜄𐜅𐜆𐜇𐜈𐜉𐜊𐜋𐜌𐜍𐜎𐜏𐜐𐜑𐜒𐜓𐜔𐜕𐜖𐜗𐜘𐜙𐜚𐜛𐜜𐜝𐜞𐜟𐜠𐜡𐜢𐜣𐜤𐜥𐜦𐜧𐜨𐜩𐜪𐜫𐜬𐜭𐜮𐜯𐜰𐜱𐜲𐜳𐜴𐜵𐜶𐜷𐜸𐜹𐜺𐜻𐜼𐜽𐜾𐜿𐝀𐝁𐝂𐝃𐝄𐝅𐝆𐝇𐝈𐝉𐝊𐝋𐝌𐝍𐝎𐝏𐝐𐝑𐝒𐝓𐝔𐝕𐝖𐝗𐝘𐝙𐝚𐝛𐝜𐝝𐝞𐝟𐝠𐝡𐝢𐝣𐝤𐝥𐝦𐝧𐝨𐝩𐝪𐝫𐝬𐝭𐝮𐝯𐝰𐝱𐝲𐝳𐝴𐝵𐝶𐝷𐝸𐝹𐝺𐝻𐝼𐝽𐝾𐝿𐞀𐞁𐞂𐞃𐞄𐞅𐞆𐞇𐞈𐞉𐞊𐞋𐞌𐞍𐞎𐞏𐞐𐞑𐞒𐞓𐞔𐞕𐞖𐞗𐞘𐞙𐞚𐞛𐞜𐞝𐞞𐞟𐞠𐞡𐞢𐞣𐞤𐞥𐞦𐞧𐞨𐞩𐞪𐞫𐞬𐞭𐞮𐞯𐞰𐞱𐞲𐞳𐞴𐞵𐞶𐞷𐞸𐞹𐞺𐞻𐞼𐞽𐞾𐞿𐟀𐟁𐟂𐟃𐟄𐟅𐟆𐟇𐟈𐟉𐟊𐟋𐟌𐟍𐟎𐟏𐟐𐟑𐟒𐟓𐟔𐟕𐟖𐟗𐟘𐟙𐟚𐟛𐟜𐟝𐟞𐟟𐟠𐟡𐟢𐟣𐟤𐟥𐟦𐟧𐟨𐟩𐟪𐟫𐟬𐟭𐟮𐟯𐟰𐟱𐟲𐟳𐟴𐟵𐟶𐟷𐟸𐟹𐟺𐟻𐟼𐟽𐟾𐟿𐠀𐠁𐠂𐠃𐠄𐠅𐠆𐠇𐠈𐠉𐠊𐠋𐠌𐠍𐠎𐠏𐠐𐠑𐠒𐠓𐠔𐠕𐠖𐠗𐠘𐠙𐠚𐠛𐠜𐠝𐠞𐠟𐠠𐠡𐠢𐠣𐠤𐠥𐠦𐠧𐠨𐠩𐠪𐠫𐠬𐠭𐠮𐠯𐠰𐠱𐠲𐠳𐠴𐠵𐠶𐠷𐠸𐠹𐠺𐠻𐠼𐠽𐠾𐠿𐡀𐡁𐡂𐡃𐡄𐡅𐡆𐡇𐡈𐡉𐡊𐡋𐡌𐡍𐡎𐡏𐡐𐡑𐡒𐡓𐡔𐡕𐡖𐡗𐡘𐡙𐡚𐡛𐡜𐡝𐡞𐡟𐡠𐡡𐡢𐡣𐡤𐡥𐡦𐡧𐡨𐡩𐡪𐡫𐡬𐡭𐡮𐡯𐡰𐡱𐡲𐡳𐡴𐡵𐡶𐡷𐡸𐡹𐡺𐡻𐡼𐡽𐡾𐡿𐢀𐢁𐢂𐢃𐢄𐢅𐢆𐢇𐢈𐢉𐢊𐢋𐢌𐢍𐢎𐢏𐢐𐢑𐢒𐢓𐢔𐢕𐢖𐢗𐢘𐢙𐢚𐢛𐢜𐢝𐢞𐢟𐢠𐢡𐢢𐢣𐢤𐢥𐢦𐢧𐢨𐢩𐢪𐢫𐢬𐢭𐢮𐢯𐢰𐢱𐢲𐢳𐢴𐢵𐢶𐢷𐢸𐢹𐢺𐢻𐢼𐢽𐢾𐢿𐣀𐣁𐣂𐣃𐣄𐣅𐣆𐣇𐣈𐣉𐣊𐣋𐣌𐣍𐣎𐣏𐣐𐣑𐣒𐣓𐣔𐣕𐣖𐣗𐣘𐣙𐣚𐣛𐣜𐣝𐣞𐣟𐣠𐣡𐣢𐣣𐣤𐣥𐣦𐣧𐣨𐣩𐣪𐣫𐣬𐣭𐣮𐣯𐣰𐣱𐣲𐣳𐣴𐣵𐣶𐣷𐣸𐣹𐣺𐣻𐣼𐣽𐣾𐣿𐤀𐤁𐤂𐤃𐤄𐤅𐤆𐤇𐤈𐤉𐤊𐤋𐤌𐤍𐤎𐤏𐤐𐤑𐤒𐤓𐤔𐤕𐤖𐤗𐤘𐤙𐤚𐤛𐤜𐤝𐤞𐤟𐤠𐤡𐤢𐤣𐤤𐤥𐤦𐤧𐤨𐤩𐤪𐤫𐤬𐤭𐤮𐤯𐤰𐤱𐤲𐤳𐤴𐤵𐤶𐤷𐤸𐤹𐤺𐤻𐤼𐤽𐤾𐤿𐥀𐥁𐥂𐥃𐥄𐥅𐥆𐥇𐥈𐥉𐥊𐥋𐥌𐥍𐥎𐥏𐥐𐥑𐥒𐥓𐥔𐥕𐥖𐥗𐥘𐥙𐥚𐥛𐥜𐥝𐥞𐥟𐥠𐥡𐥢𐥣𐥤𐥥𐥦𐥧𐥨𐥩𐥪𐥫𐥬𐥭𐥮𐥯𐥰𐥱𐥲𐥳𐥴𐥵𐥶𐥷𐥸𐥹𐥺𐥻𐥼𐥽𐥾𐥿𐦀𐦁𐦂𐦃𐦄𐦅𐦆𐦇𐦈𐦉𐦊𐦋𐦌𐦍𐦎𐦏𐦐𐦑𐦒𐦓𐦔𐦕𐦖𐦗𐦘𐦙𐦚𐦛𐦜𐦝𐦞𐦟𐦠𐦡𐦢𐦣𐦤𐦥𐦦𐦧𐦨𐦩𐦪𐦫𐦬𐦭𐦮𐦯𐦰𐦱𐦲𐦳𐦴𐦵𐦶𐦷𐦸𐦹𐦺𐦻𐦼𐦽𐦾𐦿𐧀𐧁𐧂𐧃𐧄𐧅𐧆𐧇𐧈𐧉𐧊𐧋𐧌𐧍𐧎𐧏𐧐𐧑𐧒𐧓𐧔𐧕𐧖𐧗𐧘𐧙𐧚𐧛𐧜𐧝𐧞𐧟𐧠𐧡𐧢𐧣𐧤𐧥𐧦𐧧𐧨𐧩𐧪𐧫𐧬𐧭𐧮𐧯𐧰𐧱𐧲𐧳𐧴𐧵𐧶𐧷𐧸𐧹𐧺𐧻𐧼𐧽𐧾𐧿𐨀𐨁𐨂𐨃𐨄𐨅𐨆𐨇𐨈𐨉𐨊𐨋𐨌𐨍𐨎𐨏𐨐𐨑𐨒𐨓𐨔𐨕𐨖𐨗𐨘𐨙𐨚𐨛𐨜𐨝𐨞𐨟𐨠𐨡𐨢𐨣𐨤𐨥𐨦𐨧𐨨𐨩𐨪𐨫𐨬𐨭𐨮𐨯𐨰𐨱𐨲𐨳𐨴𐨵𐨶𐨷𐨹𐨺𐨸𐨻𐨼𐨽𐨾𐨿𐩀𐩁𐩂𐩃𐩄𐩅𐩆𐩇𐩈𐩉𐩊𐩋𐩌𐩍𐩎𐩏𐩐𐩑𐩒𐩓𐩔𐩕𐩖𐩗𐩘𐩙𐩚𐩛𐩜𐩝𐩞𐩟𐩠𐩡𐩢𐩣𐩤𐩥𐩦𐩧𐩨𐩩𐩪𐩫𐩬𐩭𐩮𐩯𐩰𐩱𐩲𐩳𐩴𐩵𐩶𐩷𐩸𐩹𐩺𐩻𐩼𐩽𐩾𐩿𐪀𐪁𐪂𐪃𐪄𐪅𐪆𐪇𐪈𐪉𐪊𐪋𐪌𐪍𐪎𐪏𐪐𐪑𐪒𐪓𐪔𐪕𐪖𐪗𐪘𐪙𐪚𐪛𐪜𐪝𐪞𐪟𐪠𐪡𐪢𐪣𐪤𐪥𐪦𐪧𐪨𐪩𐪪𐪫𐪬𐪭𐪮𐪯𐪰𐪱𐪲𐪳𐪴𐪵𐪶𐪷𐪸𐪹𐪺𐪻𐪼𐪽𐪾𐪿𐫀𐫁𐫂𐫃𐫄𐫅𐫆𐫇𐫈𐫉𐫊𐫋𐫌𐫍𐫎𐫏𐫐𐫑𐫒𐫓𐫔𐫕𐫖𐫗𐫘𐫙𐫚𐫛𐫜𐫝𐫞𐫟𐫠𐫡𐫢𐫣𐫤𐫦𐫥𐫧𐫨𐫩𐫪𐫫𐫬𐫭𐫮𐫯𐫰𐫱𐫲𐫳𐫴𐫵𐫶𐫷𐫸𐫹𐫺𐫻𐫼𐫽𐫾𐫿𐬀𐬁𐬂𐬃𐬄𐬅𐬆𐬇𐬈𐬉𐬊𐬋𐬌𐬍𐬎𐬏𐬐𐬑𐬒𐬓𐬔𐬕𐬖𐬗𐬘𐬙𐬚𐬛𐬜𐬝𐬞𐬟𐬠𐬡𐬢𐬣𐬤𐬥𐬦𐬧𐬨𐬩𐬪𐬫𐬬𐬭𐬮𐬯𐬰𐬱𐬲𐬳𐬴𐬵𐬶𐬷𐬸𐬹𐬺𐬻𐬼𐬽𐬾𐬿𐭀𐭁𐭂𐭃𐭄𐭅𐭆𐭇𐭈𐭉𐭊𐭋𐭌𐭍𐭎𐭏𐭐𐭑𐭒𐭓𐭔𐭕𐭖𐭗𐭘𐭙𐭚𐭛𐭜𐭝𐭞𐭟𐭠𐭡𐭢𐭣𐭤𐭥𐭦𐭧𐭨𐭩𐭪𐭫𐭬𐭭𐭮𐭯𐭰𐭱𐭲𐭳𐭴𐭵𐭶𐭷𐭸𐭹𐭺𐭻𐭼𐭽𐭾𐭿𐮀𐮁𐮂𐮃𐮄𐮅𐮆𐮇𐮈𐮉𐮊𐮋𐮌𐮍𐮎𐮏𐮐𐮑𐮒𐮓𐮔𐮕𐮖𐮗𐮘𐮙𐮚𐮛𐮜𐮝𐮞𐮟𐮠𐮡𐮢𐮣𐮤𐮥𐮦𐮧𐮨𐮩𐮪𐮫𐮬𐮭𐮮𐮯𐮰𐮱𐮲𐮳𐮴𐮵𐮶𐮷𐮸𐮹𐮺𐮻𐮼𐮽𐮾𐮿𐯀𐯁𐯂𐯃𐯄𐯅𐯆𐯇𐯈𐯉𐯊𐯋𐯌𐯍𐯎𐯏𐯐𐯑𐯒𐯓𐯔𐯕𐯖𐯗𐯘𐯙𐯚𐯛𐯜𐯝𐯞𐯟𐯠𐯡𐯢𐯣𐯤𐯥𐯦𐯧𐯨𐯩𐯪𐯫𐯬𐯭𐯮𐯯𐯰𐯱𐯲𐯳𐯴𐯵𐯶𐯷𐯸𐯹𐯺𐯻𐯼𐯽𐯾𐯿𐰀𐰁𐰂𐰃𐰄𐰅𐰆𐰇𐰈𐰉𐰊𐰋𐰌𐰍𐰎𐰏𐰐𐰑𐰒𐰓𐰔𐰕𐰖𐰗𐰘𐰙𐰚𐰛𐰜𐰝𐰞𐰟𐰠𐰡𐰢𐰣𐰤𐰥𐰦𐰧𐰨𐰩𐰪𐰫𐰬𐰭𐰮𐰯𐰰𐰱𐰲𐰳𐰴𐰵𐰶𐰷𐰸𐰹𐰺𐰻𐰼𐰽𐰾𐰿𐱀𐱁𐱂𐱃𐱄𐱅𐱆𐱇𐱈𐱉𐱊𐱋𐱌𐱍𐱎𐱏𐱐𐱑𐱒𐱓𐱔𐱕𐱖𐱗𐱘𐱙𐱚𐱛𐱜𐱝𐱞𐱟𐱠𐱡𐱢𐱣𐱤𐱥𐱦𐱧𐱨𐱩𐱪𐱫𐱬𐱭𐱮𐱯𐱰𐱱𐱲𐱳𐱴𐱵𐱶𐱷𐱸𐱹𐱺𐱻𐱼𐱽𐱾𐱿𐲀𐲁𐲂𐲃𐲄𐲅𐲆𐲇𐲈𐲉𐲊𐲋𐲌𐲍𐲎𐲏𐲐𐲑𐲒𐲓𐲔𐲕𐲖𐲗𐲘𐲙𐲚𐲛𐲜𐲝𐲞𐲟𐲠𐲡𐲢𐲣𐲤𐲥𐲦𐲧𐲨𐲩𐲪𐲫𐲬𐲭𐲮𐲯𐲰𐲱𐲲𐲳𐲴𐲵𐲶𐲷𐲸𐲹𐲺𐲻𐲼𐲽𐲾𐲿𐳀𐳁𐳂𐳃𐳄𐳅𐳆𐳇𐳈𐳉𐳊𐳋𐳌𐳍𐳎𐳏𐳐𐳑𐳒𐳓𐳔𐳕𐳖𐳗𐳘𐳙𐳚𐳛𐳜𐳝𐳞𐳟𐳠𐳡𐳢𐳣𐳤𐳥𐳦𐳧𐳨𐳩𐳪𐳫𐳬𐳭𐳮𐳯𐳰𐳱𐳲𐳳𐳴𐳵𐳶𐳷𐳸𐳹𐳺𐳻𐳼𐳽𐳾𐳿𐴀𐴁𐴂𐴃𐴄𐴅𐴆𐴇𐴈𐴉𐴊𐴋𐴌𐴍𐴎𐴏𐴐𐴑𐴒𐴓𐴔𐴕𐴖𐴗𐴘𐴙𐴚𐴛𐴜𐴝𐴞𐴟𐴠𐴡𐴢𐴣𐴤𐴥𐴦𐴧𐴨𐴩𐴪𐴫𐴬𐴭𐴮𐴯𐴰𐴱𐴲𐴳𐴴𐴵𐴶𐴷𐴸𐴹𐴺𐴻𐴼𐴽𐴾𐴿𐵀𐵁𐵂𐵃𐵄𐵅𐵆𐵇𐵈𐵉𐵊𐵋𐵌𐵍𐵎𐵏𐵐𐵑𐵒𐵓𐵔𐵕𐵖𐵗𐵘𐵙𐵚𐵛𐵜𐵝𐵞𐵟𐵠𐵡𐵢𐵣𐵤𐵥𐵦𐵧𐵨𐵩𐵪𐵫𐵬𐵭𐵮𐵯𐵰𐵱𐵲𐵳𐵴𐵵𐵶𐵷𐵸𐵹𐵺𐵻𐵼𐵽𐵾𐵿𐶀𐶁𐶂𐶃𐶄𐶅𐶆𐶇𐶈𐶉𐶊𐶋𐶌𐶍𐶎𐶏𐶐𐶑𐶒𐶓𐶔𐶕𐶖𐶗𐶘𐶙𐶚𐶛𐶜𐶝𐶞𐶟𐶠𐶡𐶢𐶣𐶤𐶥𐶦𐶧𐶨𐶩𐶪𐶫𐶬𐶭𐶮𐶯𐶰𐶱𐶲𐶳𐶴𐶵𐶶𐶷𐶸𐶹𐶺𐶻𐶼𐶽𐶾𐶿𐷀𐷁𐷂𐷃𐷄𐷅𐷆𐷇𐷈𐷉𐷊𐷋𐷌𐷍𐷎𐷏𐷐𐷑𐷒𐷓𐷔𐷕𐷖𐷗𐷘𐷙𐷚𐷛𐷜𐷝𐷞𐷟𐷠𐷡𐷢𐷣𐷤𐷥𐷦𐷧𐷨𐷩𐷪𐷫𐷬𐷭𐷮𐷯𐷰𐷱𐷲𐷳𐷴𐷵𐷶𐷷𐷸𐷹𐷺𐷻𐷼𐷽𐷾𐷿𐸀𐸁𐸂𐸃𐸄𐸅𐸆𐸇𐸈𐸉𐸊𐸋𐸌𐸍𐸎𐸏𐸐𐸑𐸒𐸓𐸔𐸕𐸖𐸗𐸘𐸙𐸚𐸛𐸜𐸝𐸞𐸟𐸠𐸡𐸢𐸣𐸤𐸥𐸦𐸧𐸨𐸩𐸪𐸫𐸬𐸭𐸮𐸯𐸰𐸱𐸲𐸳𐸴𐸵𐸶𐸷𐸸𐸹𐸺𐸻𐸼𐸽𐸾𐸿𐹀𐹁𐹂𐹃𐹄𐹅𐹆𐹇𐹈𐹉𐹊𐹋𐹌𐹍𐹎𐹏𐹐𐹑𐹒𐹓𐹔𐹕𐹖𐹗𐹘𐹙𐹚𐹛𐹜𐹝𐹞𐹟𐹠𐹡𐹢𐹣𐹤𐹥𐹦𐹧𐹨𐹩𐹪𐹫𐹬𐹭𐹮𐹯𐹰𐹱𐹲𐹳𐹴𐹵𐹶𐹷𐹸𐹹𐹺𐹻𐹼𐹽𐹾𐹿𐺀𐺁𐺂𐺃𐺄𐺅𐺆𐺇𐺈𐺉𐺊𐺋𐺌𐺍𐺎𐺏𐺐𐺑𐺒𐺓𐺔𐺕𐺖𐺗𐺘𐺙𐺚𐺛𐺜𐺝𐺞𐺟𐺠𐺡𐺢𐺣𐺤𐺥𐺦𐺧𐺨𐺩𐺪𐺫𐺬𐺭𐺮𐺯𐺰𐺱𐺲𐺳𐺴𐺵𐺶𐺷𐺸𐺹𐺺𐺻𐺼𐺽𐺾𐺿𐻀𐻁𐻂𐻃𐻄𐻅𐻆𐻇𐻈𐻉𐻊𐻋𐻌𐻍𐻎𐻏𐻐𐻑𐻒𐻓𐻔𐻕𐻖𐻗𐻘𐻙𐻚𐻛𐻜𐻝𐻞𐻟𐻠𐻡𐻢𐻣𐻤𐻥𐻦𐻧𐻨𐻩𐻪𐻫𐻬𐻭𐻮𐻯𐻰𐻱𐻲𐻳𐻴𐻵𐻶𐻷𐻸𐻹𐻺𐻻𐻼𐻽𐻾𐻿𐼀𐼁𐼂𐼃𐼄𐼅𐼆𐼇𐼈𐼉𐼊𐼋𐼌𐼍𐼎𐼏𐼐𐼑𐼒𐼓𐼔𐼕𐼖𐼗𐼘𐼙𐼚𐼛𐼜𐼝𐼞𐼟𐼠𐼡𐼢𐼣𐼤𐼥𐼦𐼧𐼨𐼩𐼪𐼫𐼬𐼭𐼮𐼯𐼰𐼱𐼲𐼳𐼴𐼵𐼶𐼷𐼸𐼹𐼺𐼻𐼼𐼽𐼾𐼿𐽀𐽁𐽂𐽃𐽄𐽅𐽆𐽇𐽋𐽍𐽎𐽏𐽐𐽈𐽉𐽊𐽌𐽑𐽒𐽓𐽔𐽕𐽖𐽗𐽘𐽙𐽚𐽛𐽜𐽝𐽞𐽟𐽠𐽡𐽢𐽣𐽤𐽥𐽦𐽧𐽨𐽩𐽪𐽫𐽬𐽭𐽮𐽯𐽰𐽱𐽲𐽳𐽴𐽵𐽶𐽷𐽸𐽹𐽺𐽻𐽼𐽽𐽾𐽿𐾀𐾁𐾃𐾅𐾂𐾄𐾆𐾇𐾈𐾉𐾊𐾋𐾌𐾍𐾎𐾏𐾐𐾑𐾒𐾓𐾔𐾕𐾖𐾗𐾘𐾙𐾚𐾛𐾜𐾝𐾞𐾟𐾠𐾡𐾢𐾣𐾤𐾥𐾦𐾧𐾨𐾩𐾪𐾫
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IGI



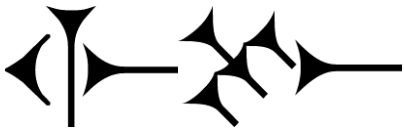
maḥru; panu; bad<sub>5</sub>; badi; bat<sub>5</sub>; dámu; ge<sub>8</sub>; gi<sub>8</sub>; iga<sub>x</sub>; igi; igu; ína; íni; ínu;  
lam<sub>5</sub>; lè; lem; lì; lib<sub>4</sub>; lim; lima; limi; lúm; pa<sub>10</sub>; pad<sub>4</sub>; pàn; ra<sub>x</sub>; si<sub>17</sub>; še<sub>20</sub>;  
ši

IGI.BI



ímḥur; uḥḥur

IGI.BU



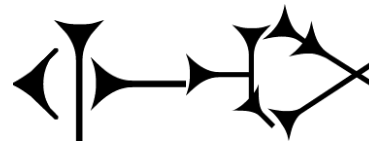
igira

IGI.DIB



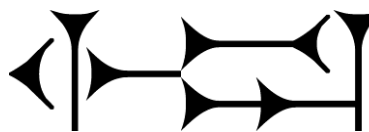
ša<sub>17</sub>; ù

IGI.DIM



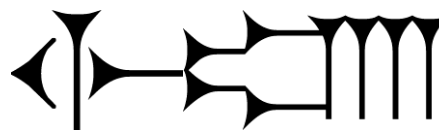
ḫenzer; ḫenzir; úbri

IGI.DU



ašarid; ašaridu; maḫru; gešdu<sub>4</sub>; geštu<sub>4</sub>; igeštu; igištu; maḫra; palil

IGI.DUB



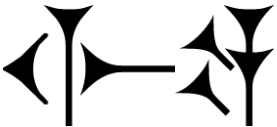
agrig; aḡrig; geškim; ḡeškim; giskim; giškim; gizkim; ḡiskim; ḡiškim; iskim;  
izkim

IGI.É



u<sub>6</sub>; ug<sub>6</sub>

IGI.ÉRIN



buru<sub>x</sub>; burum<sub>x</sub>; guru<sub>x</sub>; gúrum; kur<sub>7</sub>; kuru<sub>7</sub>; kurum<sub>7</sub>; sa<sub>13</sub>; sag<sub>10</sub>; saga; seg<sub>5</sub>; sig<sub>5</sub>;  
ša<sub>15</sub>

IGI.ÉŠ



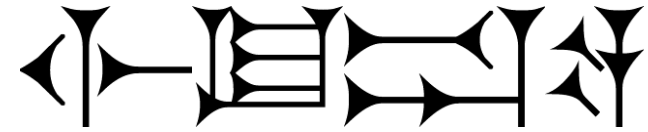
libir; si<sub>5</sub>

IGI.ÉŠ.DU



geštu<sub>x</sub>

IGI.ÉŠ.DU.ÉRIN



ildu; ildum; ilduma; ildumma; pálil; pallil<sub>x</sub>

IGI.GA



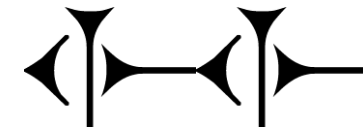
imhur; úh<sub>h</sub>ur

IGI.GAR



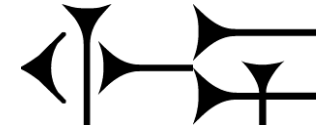
gurum<sub>x</sub>

IGI.IGI



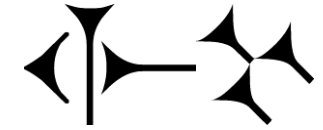
dabda; lálla; lelle; lelli; lilli; lilil<sub>b</sub>

IGI.KAK



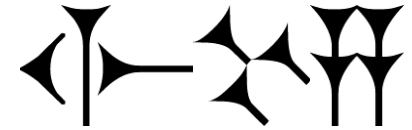
dála; dálla; ɥenbur<sub>x</sub>; šukur; ubri; ubrim

IGI.KUR



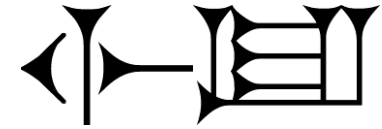
gànzer; gànzir; ɥalib; ɥilib

IGI.KUR.ZA



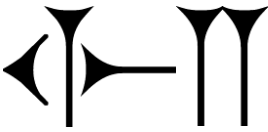
ganzer; ganzir

IGI.LU



No syllabic value exist

IGI.MIN



ini<sub>4</sub>; ĩnuII

IGI.NAGAR



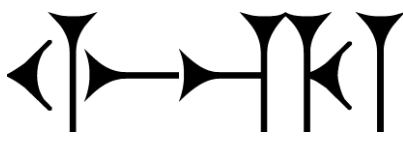
ildu<sub>x</sub>

IGI.NAGAR.BU



ĩldu; ĩldum; ĩlduma; ĩldumma

IGI.RI



ar; ara<sub>8</sub>



IGI.RU	𒀭𒃺𒄠	pà; pàd
IGI.TUR.TUR	𒀭𒃺𒄠𒃺𒄠𒃺𒄠	ligim; ligima; ligin
IGI.TUR	𒀭𒃺𒄠𒃺𒄠	No syllabic value exist
IGI.UR	𒀭𒃺𒄠𒃺	ḫul; ḫula; ḫulu

IGI.UR.RU.GAR

# THE

## hulpad

IGI.UR-šeššig

仁國

# hul<sub>4</sub>

IGI.ZA.MÙŠ-gunû

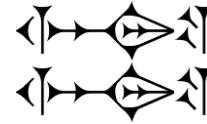
ištaran<sub>x</sub>

IGI.ZI

「**三才**」

agrig<sub>x</sub>

IGI&IGI.ŠIR&ŠIR.UD&UD



dimsar

$$\text{IGI} \times A$$

**No sign exist**

 $\dot{S}e_x$ 

IGI-gunû



agar<sub>4</sub>; ígi; igigunu<sub>x</sub>; ìmma; nab<sub>4</sub>; nam<sub>4</sub>; sa<sub>7</sub>; sag<sub>12</sub>; samag<sub>6</sub>; se<sub>12</sub>; seg<sub>7</sub>; si<sub>12</sub>;  
sig<sub>7</sub>; šamag<sub>x</sub>; še<sub>x</sub>; ši<sub>7</sub>; úgur; ukur<sub>5</sub>; zi<sub>x</sub>

IGI-gunû.ALAN



sa<sub>7</sub>-alan; salam<sub>x</sub>; ukdin; uktin; úludim; úludin; úlutim; úlutin

IGI-gunû.TAK<sub>4</sub>.ALAN



sermuššu; sirmuššu; zermušku; zermuššu; zirmuššu

IL



al<sub>9</sub>; él; il

IL×GÁN-tenû



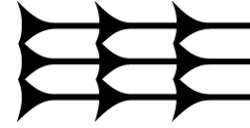
el<sub>4</sub>; il<sub>8</sub>

ILIMMU



ilimmu

ÌLIMMU



ìlimmu

ÍL



dubsik; dupsik; dusi; dussu; dusu; ga<sub>6</sub>; gíl; gùr; gùru; ġa<sub>6</sub>; íl; íla; íli

IM



adad; anegi; did; dalḫamun<sub>x</sub>; em; enegi; enegir; ennegi; ennigi; ilumer; im;  
ime<sub>x</sub>; imi; išgur<sub>x</sub>; iškur; kakra; kakru; karkar; karkara; mér; mír; mùr;  
murim; mùru; šar<sub>5</sub>; šara<sub>5</sub>; šeg<sub>7</sub>; šeg<sub>7</sub>; tešub; tid; tu<sub>15</sub>; tum<sub>9</sub>; tumu

IM.A



šeg<sub>x</sub>

IM.A.A



šeg<sub>x</sub>

IM.A.AN



šeg<sub>14</sub> ; šeg<sub>14</sub>

IM.DÚB



šerkan

IM.DUGUD

agar<sub>6</sub>; aġar<sub>6</sub>; muru<sub>9</sub>



agar<sub>6</sub>; aĝar<sub>6</sub>; muru<sub>9</sub>

IM . DUN . DÙN-gunû-gunû

sùḥul



sùhul

IM.DÙN-guṇû-guṇû.DUN

súḥul



súhul

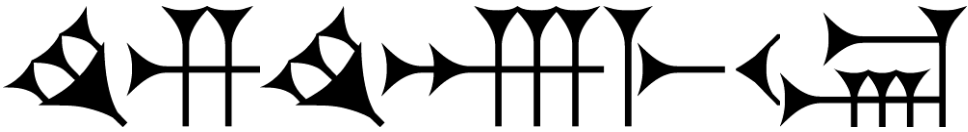
IM.GÁN.ĤI×NUN.ME.U

uluba; ulubar; ulumaš



uluba; ulubar; ulumaš

IM.ḪI×NUN.ME.U.GÁN



úluba; úlubar; úlumaš

IM.KÀD



tuk<sub>x</sub>

IM.SI.A






dunga<sub>x</sub>; dungu

IM.ŠITA



dalḫamun



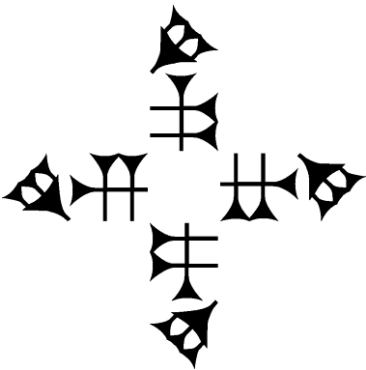
IM.ŠÚ	
š <sub>u</sub> <sub>x</sub> ; uḥ <sub>6</sub>	
IM×TAK <sub>4</sub>	
kid <sub>7</sub> ; tug <sub>7</sub> ; tuk <sub>7</sub>	
IM%IM	
agar <sub>5</sub> ; aġar <sub>5</sub> ; angar; dalḥamun <sub>6</sub> ; mèrimer; mèrimeri; mèrmer; mèrmeri; nimgigre; zigara; zigkaru; zikara; zikaru	
IM&IM	No sign exist
agar <sub>x</sub>	

IM@IM

No sign exist

dalḥamun<sub>x</sub>

4×IM



aḥud; merimer<sub>4</sub>; merimeri<sub>4</sub>; mermer<sub>4</sub>; mermeri<sub>4</sub>

IMIN



imin; imina; umun<sub>7</sub>; umuna<sub>x</sub>

IN



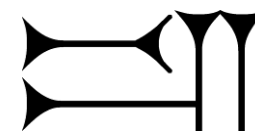
en<sub>6</sub>; gir<sub>12</sub>; in; ini; ísin

IR



erešu; er; ere<sub>14</sub>; èreš; eri<sub>14</sub>; ir; ire<sub>14</sub>; iri<sub>14</sub>

IŠ



es<sub>5</sub>; eš<sub>15</sub>; ís; isi; isiš; íś; iš; iši; íş; íz; kúkkuda; kukkuš; kúkuda; kuš<sub>7</sub>;  
mel; mil; mili; milla; saḡar; saḡardub; suš<sub>x</sub>; šen<sub>6</sub>; šùš; ukum

IŠ.A.SUD


$$im_x$$

IŠ.URUDA



samanur; samannu; šamanur; šašamanur; šeknu; šem<sub>7</sub>; šen<sub>5</sub>

KA



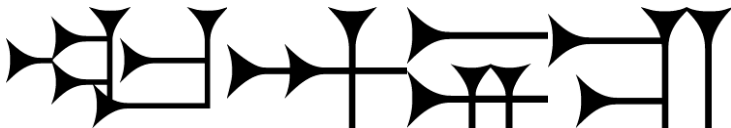
bu<sub>x</sub>; da<sub>12</sub>; dag<sub>5</sub>; du<sub>11</sub>; dug<sub>4</sub>; duga<sub>4</sub>; e<sub>7</sub>; eme<sub>x</sub>; en<sub>4</sub>; enem; enim; ga<sub>14</sub>; gir<sub>17</sub>;  
giri<sub>17</sub>; gù; gur<sub>18</sub>; i<sub>5</sub>; inim; iš<sub>5</sub>; ka; kág; kák; kir<sub>4</sub>; kîri; me<sub>x</sub>; nag<sub>x</sub>; pe<sub>4</sub>; pi<sub>4</sub>;  
pu<sub>5</sub>; qir<sub>x</sub>; qà; sig<sub>x</sub>; su<sub>11</sub>; sug<sub>x</sub>; sumu<sub>x</sub>; sumur<sub>x</sub>; še<sub>28</sub>; šed<sub>17</sub>; šeg<sub>13</sub>; šî<sub>x</sub>; šud<sub>x</sub>;  
uzug<sub>x</sub>; zib<sub>4</sub>; zú; zúg; zuḥ; ka<sub>x</sub>; zu<sub>9</sub>

KA.AN



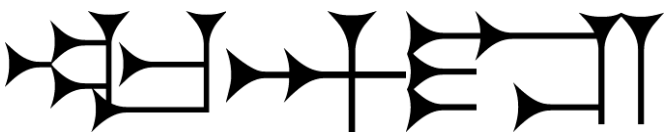
babila

KA.AN.NI.SI



kúrku

KA.AN.RA



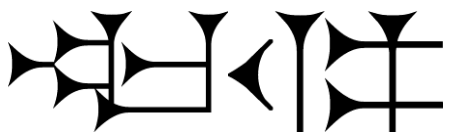
bábila

KA.BALAG.GÁ.TE.A.  
DU-šeššig.ZA.NA



bizaza

KA.DI



ištaran

KA.ĦI



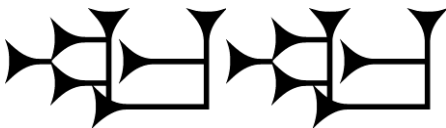
ṭēmu; demma; demmu; dema; demu; dima; dimma; dimmu; dimu

KA.ĦI.GA



$\text{mun}_x$ ;  $\text{umma}_x$

KA.KA



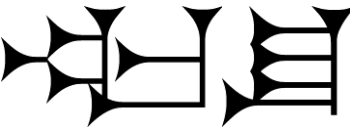
$\text{du}\text{ṭu}$

KA.KAK



$\text{gug}_6$ ;  $\text{pi}\text{ḥu}$

KA.ŠU



$\text{šud}_x$

KA.ŠU.IG



No syllabic value exist

KA×A



emma; émmen; émmín; énmen; gàb; gu<sub>6</sub>; ímma; immeli; ímmen; ímmín; káb; na<sub>8</sub>;  
nag; nága; naĝ; nak; nam<sub>x</sub>; naq; nik<sub>5</sub>

KA×A.A



piš<sub>x</sub>

KA× (A.LÁ)

No sign exist

ala<sub>x</sub>



KA× (A . ME)

No sign exist

No syllabic value exist

KA×AD

No sign exist

ak<sub>x</sub>

KA× (AD . KÙ)



nagiri; nigru

KA×ÁŠ



íbira

KA×ÀŠ



No syllabic value exist

KA×ANŠE

No sign exist

No syllabic value exist

KA×BAD









uḥ<sub>4</sub>; uš<sub>11</sub>

KA×BALAG



gudidḏi; si<sub>18</sub>; sig<sub>x</sub>; še<sub>26</sub>; šed<sub>15</sub>; šeg<sub>11</sub>; ši<sub>x</sub>; šid<sub>x</sub>; šig<sub>x</sub>

KA×BAR	
unkin <sub>x</sub>	
KA×BI	No sign exist
No syllabic value exist	
KA×BU	No sign exist
No syllabic value exist	
KA×DÚB	
No syllabic value exist	

KA×ÉRIN	
me <sub>x</sub>	
KA×EŠ	
mangaga	
KA×ÉŠ	
ma <sub>5</sub> ; mù; sub <sub>4</sub>	
KA×GA	
sim <sub>x</sub> ; sub; šub <sub>x</sub>	

KA×GA.SAG



kulkul

KA×GAL

No sign exist

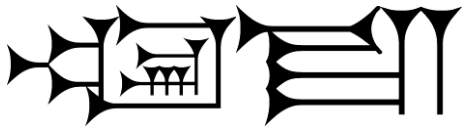
agal

KA×GĀN-tenû



puzru; ba<sub>11</sub>; bù; bum; bur<sub>x</sub>; buzur<sub>5</sub>; kala; kan<sub>6</sub>; kana<sub>6</sub>; mu<sub>x</sub>; pù; pum; puzur<sub>5</sub>;  
tugure

KA×GĀN-tenû.ŠA



puzru; buzur<sub>4</sub>; puzur<sub>4</sub>

KA×GAR



gu<sub>7</sub>; kú; kur<sub>8</sub>; šagar; šaĝar

KA× (GAR.ŠÀ.A)



mele<sub>x</sub>; meli<sub>x</sub>

KA×GI

No sign exist

No syllabic value exist

KA× (ME.GAR)

No sign exist

emeĝar<sub>x</sub>

KA× (ME . GAR . GAR . RA)

No sign exist

emeĝarĝar<sub>x</sub>

KA× (MI . NUNUZ)

No sign exist

No syllabic value exist

KA×GÍR



eme<sub>x</sub>-gír; eme<sub>x</sub>

KA×GIŠ



No syllabic value exist

KA×GIŠ%GIŠ



gasa; gàza; ibira; irḥandi<sub>x</sub>; neḥandi<sub>x</sub>; tíbira

KA× (GIŠ.SAR)

No sign exist

gukri

KA×GU



gu<sub>x</sub>

KA×GUD

No sign exist

No syllabic value exist



KA×GUR<sub>7</sub>



kugre; kugur

KA×IGI



silig<sub>7</sub>; šilig<sub>7</sub>; asal<sub>x</sub>



KA×ĦI×ÁŠ



murum<sub>x</sub>

KA×IM

ba<sub>5</sub>; bu<sub>13</sub>; buĥ<sub>x</sub>; bul<sub>4</sub>; bún; kiri<sub>x</sub>; tu<sub>x</sub>; bun<sub>x</sub>

KA×KA	No sign exist
No syllabic value exist	
KA×KAK	
	kir <sub>14</sub>
KA×KI	
	guruš <sub>x</sub>
KA× (KI . ŠÚ)	No sign exist
	guruš <sub>x</sub>

KA×KID

No sign exist

dun<sub>x</sub>; su<sub>x</sub>; sul<sub>x</sub>; sum<sub>x</sub>; sun<sub>x</sub>

KA×KÍD

No sign exist

šeg<sub>x</sub>

KA×LI





gèle; gèli; gìli; gilib; giri<sub>x</sub>; gèli; gìli; gìri<sub>x</sub>; mél; méle; méli; míli; mu<sub>7</sub>;  
mumun<sub>x</sub>; mun<sub>x</sub>; sug<sub>7</sub>; šeg<sub>x</sub>; tu<sub>6</sub>; ʔu<sub>6</sub>; uš<sub>7</sub>; zug<sub>4</sub>; zuḥ<sub>x</sub>; mu<sub>13</sub>

KA×LI.KA×LI



mummun; mumun

KA×LU	No sign exist
KA×LUM	 zuguz
KA×ME	 em <sub>4</sub> ; eme; uli
KA× (ME . DU)	No sign exist medu; meša

$$KA \times (ME \cdot GI)$$

## No sign exist

emengi

$$KA \times (ME \cdot ME)$$

**No sign exist**

sib sib

$$KA \times (ME \cdot TE)$$

**No sign exist**

imminente

KA × MI



gana<sub>x</sub>; kan<sub>5</sub>; kana<sub>5</sub>

KA× (MI .NUNUZ)

No sign exist

No syllabic value exist

KA×NE



mùrgu; urgú

KA×NUN



numdu; numdum; numdun; nundu; nundum; nundun

KA×PA



No syllabic value exist

KA×PI	
<code>ter<sub>x</sub>; uš<sub>14</sub></code>	
KA×RU	
<code>gilib<sub>4</sub></code>	
KA×SA	
<code>dun<sub>x</sub>; mangaga; su<sub>6</sub>; sùl; sum<sub>4</sub>; sun<sub>4</sub>; tun<sub>x</sub></code>	
KA×SAR	
<code>gukiri; ma<sub>8</sub>; mu<sub>11</sub></code>	

KA×SIG



emesig

KA×SUHUR

**No sign exist**

munsub<sub>x</sub>

KA × ŠA


 $\mu_{13}$ 

KA × ŠE



túk<sub>ur</sub>; tukure<sub>x</sub>




KA×ŠID 

dílib; gíguru; sig<sub>x</sub>; silig<sub>6</sub>; še<sub>25</sub>; šed<sub>14</sub>; šeg<sub>10</sub>; šig<sub>x</sub>; šilig<sub>6</sub>; šiq<sub>4</sub>



dílib; gíguru; sig<sub>x</sub>; silig<sub>6</sub>; še<sub>25</sub>; šed<sub>14</sub>; šeg<sub>10</sub>; šig<sub>x</sub>; šilig<sub>6</sub>; šiq<sub>4</sub>

KA×ŠU



bur<sub>x</sub>; še<sub>x</sub>; šed<sub>x</sub>; šeg<sub>x</sub>; ši<sub>x</sub>; šu<sub>12</sub>; šùd; šùde; šùdu; šušudi; uš<sub>x</sub>



bur<sub>x</sub>; še<sub>x</sub>; šed<sub>x</sub>; šeg<sub>x</sub>; ši<sub>x</sub>; šu<sub>12</sub>; šùd; šùde; šùdu; šušudi; uš<sub>x</sub>

KA x (ŠU.ÉŠ)

No sign exist

tahta<sub>x</sub>

No sign exist

$$\text{tahta}_x$$

Diagram illustrating the relationship between  $KA \times (SU.X)$  and **No sign exist**. The text  $KA \times (SU.X)$  is on the left, and **No sign exist** is on the right. A blue arrow labeled `atab` points from  $KA \times (SU.X)$  to **No sign exist**.

No sign exist

atab

KA×TAR

No sign exist

zukura

KA×TU



No syllabic value exist

KA×U



No syllabic value exist

KA×Ú



mele<sub>x</sub>; meli<sub>x</sub>; musug<sub>5</sub>; tükur; usug<sub>5</sub>; uzug<sub>5</sub>

KA×UD



emma; emmen; emmin; enmen; imma; immen; immin; si<sub>19</sub>; sub<sub>x</sub>; tu<sub>x</sub>; za<sub>6</sub>; zu<sub>9</sub>

KA×UD.BAR



KA×UD-bar; zàbar; zìbar

KA×UMUM×PA

No sign exist

gudedde

KA×UR

No sign exist

No syllabic value exist

KA×ÚR



No syllabic value exist

KA×UŠ



durix; ugal

KA×X



ħurix; širi; zukurax

KA×ZI

No sign exist

guzix

KA×6 (DIŠ)



No syllabic value exist

KA-180°

No sign exist

nundum<sub>x</sub>

KAB



gáb; gába; gábu; gáp; gùb; gùbu; kab; kap; kapa; qáb; qáp

KAB.BU



gabux

KAB.UŠ



ràgab

KÁD



gát; kád; kát; qad<sub>6</sub>; qat<sub>6</sub>; šíd

KÀD



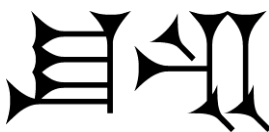
gàt; kàd; kàt; kàta; kud<sub>6</sub>; qat<sub>7</sub>; šed<sub>4</sub>

KÀD.KÀD



šéššed

KAD<sub>4</sub>



gešhur; geškad; gišhur; giškad; ḥad<sub>4</sub>; kad<sub>4</sub>; kām; kar<sub>x</sub>; kara<sub>4</sub>; kat<sub>4</sub>; kid<sub>5</sub>; kím;  
peš<sub>5</sub>; piš<sub>5</sub>; qat<sub>5</sub>; šed<sub>5</sub>; unu<sub>9</sub>

KAD<sub>4</sub>.KAD<sub>4</sub>.KAD<sub>5</sub>



šèššed

KAD<sub>5</sub>



bànsur; bànšur; kad<sub>5</sub>; kat<sub>5</sub>; kid<sub>6</sub>; kim<sub>x</sub>; peš<sub>6</sub>; piš<sub>6</sub>; qat<sub>8</sub>

KAD<sub>5</sub>.KAD<sub>5</sub>



èsir; tal<sub>5</sub>; til<sub>6</sub>

KAD<sub>5</sub>&KAD<sub>5</sub>

No sign exist

esir<sub>x</sub>

KAD<sub>5</sub>&KAD<sub>5</sub>.KAD<sub>5</sub>&KAD<sub>5</sub>

No sign exist

tal<sub>x</sub>; til<sub>x</sub>

KAK



ban<sub>4</sub>; dà; dù; gag; gak; ħenbur; ka<sub>15</sub>; kak; kàl; kaq; ki<sub>7</sub>; qa<sub>6</sub>; qaq; qi<sub>6</sub>; re<sub>12</sub>;  
ri<sub>12</sub>; rú; tu<sub>20</sub>; usan<sub>x</sub>; zar<sub>x</sub>

KAK.GIŠ



šita<sub>x</sub>



KAK.TAR	𒊕𒄀	kúšu; kúksu
KAK×IGI-gunû	No sign exist	No syllabic value exist
KAL.EDIN	𒊕𒂊𒂍𒄀	birdu; šarap
KAL×BAD	𒊕𒂊𒄀	alad

KAL



dannu; eṭlu; álad; baštum; dan; dàna; dun<sub>6</sub>; esi; esig; eša<sub>x</sub>; gal<sub>9</sub>; kal; kala;  
kalag; kalaga; kalga; la<sub>6</sub>; lab; lála; làma; lamar; lamassu; lamma; lammar;  
lap; líb; líp; mir<sub>x</sub>; nír<sub>6</sub>; qal<sub>4</sub>; rab<sub>4</sub>; reb; rib; rip; rub; sa<sub>14</sub>; sag<sub>8</sub>; seg<sub>15</sub>;  
si<sub>21</sub>; sig<sub>15</sub>; sílim; sílima; sub<sub>x</sub>; sun<sub>7</sub>; suna<sub>x</sub>; šedu; šúršub; tan; tana; ṭan;  
úrrub; úrsub; zi<sub>8</sub>; zúrzub

KAL%KAL



liri<sub>7</sub>; liru<sub>7</sub>; lirim<sub>7</sub>

KÁM



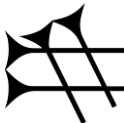
eriš<sub>7</sub>; kám; udul<sub>7</sub>; utul<sub>7</sub>

KAM<sub>4</sub>



gàm; kam<sub>4</sub>; kim<sub>x</sub>

KASKAL



bú; buš; dána; dánna; eš<sub>8</sub>; ir<sub>7</sub>; íš; kas; kasa; kaskal; káš; kaz; ras; raš;  
rin<sub>6</sub>; šubtum<sub>x</sub>

KASKAL.6 (DIŠ)



zikura

KASKAL.BU



dana; danna

KASKAL.GA



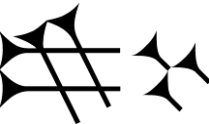
gáeš; gáiš; garaš<sub>4</sub>

KASKAL.ĜI×NUN



kiši<sub>15</sub>

KASKAL.KUR



illatu; álba; alḥa; baliḥa; ellat; ílba; ilḥa; illat

KASKAL.LAGAB



šubtu; šùbtu; šùbtum

KASKAL.LAGAB×U



šubtu<sub>5</sub>; šubtum<sub>5</sub>

KASKAL. (LAGAB×U) & (LAGAB×U)



šubtu<sub>6</sub>; šubtum<sub>6</sub>

(KASKAL.LAGAB×U) & (KASKAL.LAGAB×U)



šubtu<sub>7</sub>; šubtum<sub>7</sub>

KASKAL.UD-šeššig



ìti

KASKAL&KASKAL.LAGAB&LAGAB



šubtu<sub>4</sub>; šubtum<sub>4</sub>

KÁ



agan<sub>x</sub>; aka<sub>4</sub>; ákan; bába; babu; gu<sub>16</sub>; ká; kan<sub>4</sub>; kankan; pápa

KÁ.AN



babila<sub>x</sub>; babilim; babilima

KÁ.AN.RA



bábilim; babilima

KÁ.GAL	𐎧𐎠𐎧𐎡𐎥
abul; abula; abulla	
KÁ%KÁ	No sign exist
No syllabic value exist	
KÉŠ	𐎧𐎥𐎱𐎠𐎫
gir <sub>11</sub> ; giri <sub>11</sub> ; girid; ḫer; ḫir; kéš; kešda; kéše; kéši; kiri <sub>7</sub> ; kirid; kiris; kirit; kíš; kíši	
KI	𐎧𐎢𐎵
eršetu; qaqqaru; amma <sub>x</sub> ; gagar; ge <sub>5</sub> ; gi <sub>5</sub> ; gu <sub>14</sub> ; ḡišbun <sub>x</sub> ; ke; ki; ku <sub>11</sub> ; qé; qí; sas <sub>x</sub> ; ubda <sub>x</sub>	

KI.A



peš<sub>10</sub>; piš<sub>10</sub>

KI . AN . IM



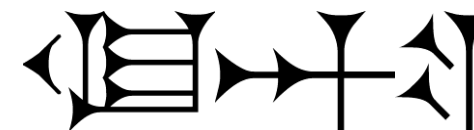
qutra; kutra

KI . AN . ŠEŠ . KI



munzer; munzur; musur

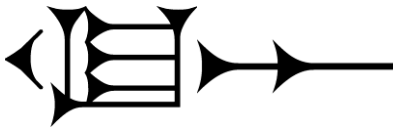
KI . AN . UD



šakir<sub>x</sub>; šákira

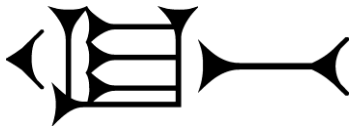


KI.AŠ.AŠ



absin; gisbun

KI.BAD



garaša<sub>x</sub>

KI.BI



géšbun; êgéšbun; êišbun

KI.BI.GAR



gešbun; gišbun; êgešbun; êišbum; êišbun; gizbun; šubun

KI.BI.KAK



No syllabic value exist

KI.BI.NI



kibini

KI.DU.KAK



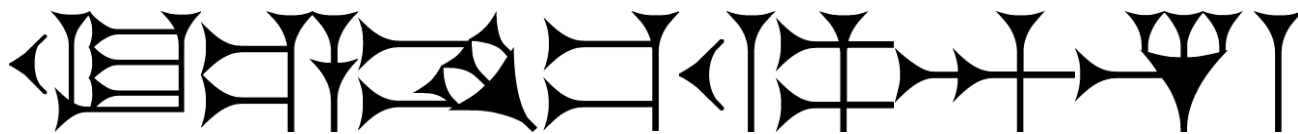
šiten

KI.E.NE.DI



ešemen; ešemin

KI.E.NE.DI.AN.MÙŠ



éšemen; éšemin

KI.EN.KAK



bur<sub>11</sub>; buru<sub>11</sub>; mur<sub>6</sub>; muru<sub>6</sub>; murum<sub>6</sub>

KI.GAL



sur<sub>6</sub>

KI.IB



dudu; eššeb; uštuḥ

KI.KA.LÚ



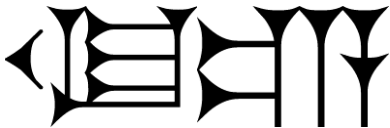
engar<sub>x</sub>

KI.KAK



sur<sub>7</sub>

KI.KAL



bad<sub>4</sub>; dubad; garaš<sub>5</sub>; ħirim; ħirin; kankal; káraš; kikla; kìslaḥ; sas; uludim;  
uludin; ulutim; ulutin

KI.KAL.BAD



gáraš; karaš<sub>x</sub>

KI.KAL.BAD.IDIM



garaš<sub>x</sub>; karaš<sub>x</sub>

KI.KAL×BAD



gáraš; karaš

KI.KI




kùkku; utte; utu<sub>4</sub>; uṭe


KI.KU




No syllabic value exist

KI . KU . LÚ
 

No syllabic value exist

KI.KU.LÚ
 

No syllabic value exist

KI.KU.LÚ
 

No syllabic value exist

KI.KU.SAG

zarah<sub>x</sub>



KI.KU.SAG


zarah<sub>x</sub>





KI.KU.SAG

zarah<sub>x</sub>



KI.LAL    
 uttu<sub>6</sub>; uṭu<sub>6</sub>

KI.LAL    
 uttu<sub>6</sub>; uṭu<sub>6</sub>

KI.LAL    
 uttu<sub>6</sub>; uṭu<sub>6</sub>

KI.LAM

ganba; malba; šakaka; šakanka

KI.LAM

ganba; malba; šakaka; šakanka

KI.LAM

ganba; malba; šakaka; šakanka

KI.LU.ÉŠ



ugnim<sub>x</sub>

KI.SU.LU.ÉŠ.GAR.KI



ugnim<sub>x</sub>

KI.LUGAL



šiten<sub>x</sub>

KI.MIN



kimin; u<sub>7</sub>

KI.MÙŠ-gunû



kukku<sub>4</sub>

KI.NA.AB.TUM



šutum<sub>x</sub>

KI.NE



ábni; dinig; gibil; gunni; ízi; kušlug; mèl; meli; múnu; ne<sub>5</sub>; nemur; nimur;  
zi<sub>7</sub>; gunni<sub>x</sub>

KI.NE.AN.MÙŠ



digbir



KI.NE-šeššig



No syllabic value exist

KI.SAG



ègi; ìgi

KI.SAG.DU



sulum<sub>x</sub>; sulummar

KI.SAG.SAL



ígira; igiru; zarah<sub>x</sub>; igira<sub>x</sub>



KI.SAG-nutillû



kiš<sub>i</sub><sub>x</sub>

KI.SU.LU.ÉŠ.GAR



ummanu; ugnim; umman

KI.SU.LU.ÉŠ.GAR.RA



ugnim<sub>x</sub>

KI.SU.LU.GAR



ugnim<sub>x</sub>

KI.SU.LU.KI.GAR



ugnim<sub>x</sub>

KI.SU.LU.LAGAB×U.GAR



ugnim<sub>x</sub>

KI.SU.LU.ŠU.GAR



ugnim<sub>x</sub>

KI.SU.ZA.LU.ÉŠ



ugnim<sub>x</sub>

KI . ŠEŠ . KAK



kissa

KI.UD



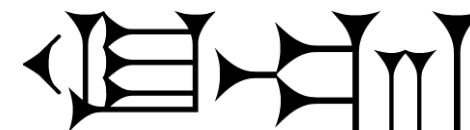
kislaḥ; kizlaḥ

KI.UD.A



ki la ḥḥa

KI . URU×MIN



dagan; daggan; dakan; dakkan; suku<sub>4</sub>

KI×BAD



ḥábrud; ḥábruda

KI×U



ḥabrud; ḥabruda; ḥanburuda; ḥar<sub>x</sub>

KI×UD



kíslaḥ

KIB-gunû

No sign exist

No syllabic value exist

KID



bur<sub>6</sub>; buru<sub>6</sub>; gé; gí; gid; git; gub<sub>5</sub>; gup<sub>5</sub>; ke<sub>4</sub>; ket; ki<sub>4</sub>; kid; kit; kiṭ; kub<sub>4</sub>;  
kup<sub>4</sub>; lél; líl; líla; muru<sub>12</sub>; qi<sub>5</sub>; qid; qit; saḥ; séḥ; síḥ; suḥ<sub>4</sub>; šàḥ; šíḥ;  
ṣáḥ

KID.BALAG




tigi<sub>x</sub>

KID.MAḤ




amuru

KID.ŠÚ.MÁ




muru<sub>x</sub>

KID.ŠÚ.MÁ




muru<sub>x</sub>


KID.ŠÚ.MÁ




muru<sub>x</sub>

KIN 

gur<sub>10</sub>; ken; kíg; kíĝ; kim<sub>x</sub>; kin; kinga; kun<sub>10</sub>; qe; qi; qin; sag<sub>11</sub>; saga<sub>11</sub>;  
 seg<sub>18</sub>; sig<sub>18</sub>; siga<sub>18</sub>

KIN 

gur<sub>10</sub>; ken; kíg; kíĝ; kim<sub>x</sub>; kin; kinga; kun<sub>10</sub>; qe; qi; qin; sag<sub>11</sub>; saga<sub>11</sub>;  
 seg<sub>18</sub>; sig<sub>18</sub>; siga<sub>18</sub>

KIN 

gur<sub>10</sub>; ken; kíg; kíĝ; kim<sub>x</sub>; kin; kinga; kun<sub>10</sub>; qe; qi; qin; sag<sub>11</sub>; saga<sub>11</sub>;  
 seg<sub>18</sub>; sig<sub>18</sub>; siga<sub>18</sub>

KIN x UD

No sign exist

No syllabic value exist

KIN x UD

No sign exist

No syllabic value exist


KIN x UD


No sign exist


No syllabic value exist

KIN.KIN

kenke



KIN.KIN  kenke

KIN.KIN  kenke

KINGUSILI



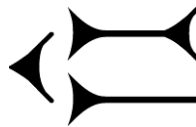
kingusila; kingusili; qimku

KISAL



bur<sub>6</sub>; dag<sub>4</sub>; kisal; par<sub>4</sub>; lel<sub>4</sub>

KISIM<sub>5</sub>



kisim<sub>5</sub>; kišim<sub>5</sub>

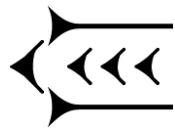
KISIM<sub>5</sub>&KISIM<sub>5</sub>



gingira



KIŠ



keš; kis; kiš; kiše<sub>x</sub>; kiši; kiş; qis; qiš

KIŠ–gunû

No sign exist

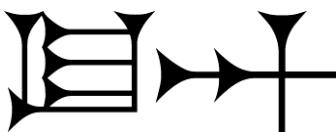
No syllabic value exist

KU



be<sub>5</sub>; bèd; bèt; bi<sub>7</sub>; bìd; bìt; bu<sub>7</sub>; bul<sub>x</sub>; dab<sub>5</sub>; daba<sub>5</sub>; déb; díb; duš; gu<sub>5</sub>; gud<sub>7</sub>;  
gùz; ħu<sub>x</sub>; ku; kùd; kùz; nu<sub>10</sub>; qú; saħ<sub>x</sub>; su<sub>5</sub>; suħ<sub>5</sub>; sur<sub>11</sub>; suš; še<sub>10</sub>; šed<sub>6</sub>; ši<sub>5</sub>;  
tib<sub>x</sub>; tukul; tukula; tum<sub>5</sub>; tuma; tuš; tušu; ʔuš; ugu<sub>4</sub>; záp

KU.AN



miṭṭu; medda; meddu; meṭa; meṭu; midda; middu; mitta; mittu; mitum; miṭa;  
miṭu

KU.BU.NUN.TU.KU



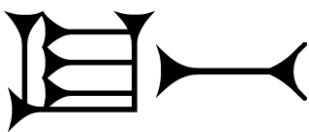
saman<sub>x</sub>

KU.GAR



guza; guzza

KU.IDIM



méd<sub>1</sub>da; mé<sub>1</sub>ddu; mé<sub>1</sub>ṭa; mé<sub>1</sub>ṭu; mí<sub>1</sub>dda; mí<sub>1</sub>ddu; mí<sub>1</sub>ṭta; mí<sub>1</sub>ṭtu; mí<sub>1</sub>tum; mí<sub>1</sub>ṭa; mí<sub>1</sub>ṭu

KU.KI.SAG



zarah<sub>x</sub>

KU.GIŠ%GIŠ



dara<sub>x</sub>; dari<sub>x</sub>; daru<sub>x</sub>; duru<sub>x</sub>

KU.KU



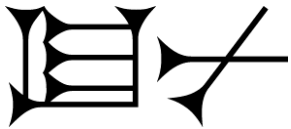
durun<sub>x</sub>; duruna<sub>x</sub>; èḥ

KU.KU.KU



eḥ<sub>x</sub>; eḥeḥḥe

KU.NU



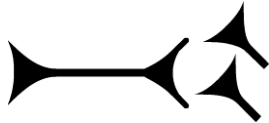
bula

KU& (ḪI×ÁŠ) .KU& (ḪI×ÁŠ)



merimer<sub>5</sub>; merimeri<sub>5</sub>; mermer<sub>5</sub>; mermeri<sub>5</sub>

KUL



gu<sub>9</sub>; gúl; ku<sub>9</sub>; kul; kula; kulu; nu<sub>5</sub>; nuġun; numu; numun; qul; šabalbal; til<sub>8</sub>;  
zar<sub>4</sub>; zara<sub>x</sub>; zer; zir; ziri

KUL-gunû



til<sub>x</sub>

KUN



ku<sub>14</sub>; kun; kunu; megida<sub>x</sub>; qun; kun<sub>8</sub>

KUR.MÙŠ-gunû.ZA.KI



namru

KUR



amma; anubu; ge<sub>21</sub>; gèn; gìn; gina; gur<sub>16</sub>; kìn; kur; lad; lat; lata; laṭ; mad;  
mak; mat; maṭ; nad; nat; nata; qúr; raman; ramanu; rammanu; rašu; razu; sad;  
sat; sata; šad; šada; šadi; šadu; šaḥan; šat; šata; šaṭ; zizanu

KUR.BAD



No syllabic value exist

KUR.SI.A.GA



nenin

KUR.TI



parsa

KUR@KUR



gúdibir; lamḥu

KU-tenû

No sign exist

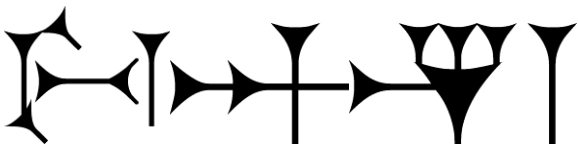
No syllabic value exist

KÚŠU



kuš<sub>9</sub>; kúšu; ùḥ

KÚŠU.AN.MÙŠ



uruḥ

KÚŠU.MÙŠ



No syllabic value exist

KÚŠU.AN.MÙŠ-šeššig

No sign exist

No syllabic value exist

KÚŠU×SAL

No sign exist

No syllabic value exist

KÙ



kù; kug; kuk; qu<sub>5</sub>

KÙ.AN



asa<sub>x</sub>; asag; azag; azak



KÙ.GI



guškin; kù-sig<sub>17</sub>

KÙ.UD



kù-babbar

KU<sub>4</sub>



ḫú; ku<sub>4</sub>; kur<sub>9</sub>; lil<sub>x</sub>; ku<sub>4</sub>; kur<sub>9</sub>

KU<sub>4</sub> Variant Form

No sign exist

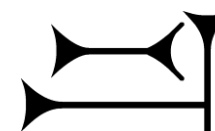
ḫú; ku<sub>4</sub>; kur<sub>9</sub>; lil<sub>x</sub>; ku<sub>4</sub>; kur<sub>9</sub>

KU<sub>7</sub>.KU<sub>7</sub>



ku<sub>7</sub>-ku<sub>7</sub>; kukku

KU<sub>7</sub>



bandiliša; bube; daban; dabašin; ešda<sub>x</sub>; ešqa; gaml; gurusa; gúruš; gurušda;  
gurušta; gurušti; ħírin; kakkala; kakkuda; kakkula; kakkuša; ku<sub>7</sub>; kud<sub>5</sub>;  
kukkuda; kukula; kukkuša; kuruš; kurušda; kuš<sub>6</sub>; šandilimma; šendilima;  
šindilib; šindilimma; tubašin

KWU089.GAL

**No sign exist**

ušumgal<sub>x</sub>

KWU318

No sign exist

ħirin<sub>x</sub>

KWU822

No sign exist

kurušda<sub>x</sub>

LA



la; šika; šik<sub>x</sub>

LAGAB



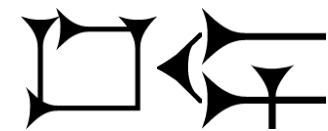
élla; ellag; ellaĝ; gíl; gíli; gir<sub>8</sub>; giren<sub>x</sub>; giri<sub>8</sub>; girim; girin; gud<sub>8</sub>; gur<sub>4</sub>;  
gùrun; ḥab; ḥaba; ḥap; illag; kel; kele; kil; kili; kilib; kîr; ku<sub>x</sub>; kur<sub>4</sub>;  
kuru<sub>4</sub>; lagab; lúgud; ni<sub>10</sub>; nígi; nígin; níĝi; níĝin; nímen; nin<sub>4</sub>; qèr; qel;  
qil; qîr; rè; rem; reme; rî; rim; rin; sim<sub>4</sub>; su<sub>x</sub>; sur<sub>x</sub>; tuku<sub>6</sub>; tukul<sub>x</sub>; tukur;  
tur<sub>6</sub>

LAGAB.LAGAB



ban<sub>x</sub>; garadin<sub>5</sub>; išḫara; karadin<sub>5</sub>; kèl; kîl; kila<sub>x</sub>; kilu<sub>x</sub>; kîli; kîlib; kin<sub>4</sub>;  
ni<sub>6</sub>; niggi<sub>x</sub>; nigginaku; nigi; nigin; niĝin; nimen<sub>x</sub>; nîn; nini; nínni; rîn

LAGAB.U.KAK



mud<sub>4</sub>

LAGAB×A



a<sub>9</sub>; à<sup>3</sup>a; abbar; abbara<sub>x</sub>; áblal; aia<sub>4</sub>; ambar; ambara; anbar; as<sub>4</sub>; aslum; ášte;  
aya<sub>4</sub>; bugin; buniĝ; bunin; elamkuš<sub>4</sub>; ellamkuš<sub>4</sub>; engur<sub>x</sub>; gúnin; i<sub>x</sub>; id<sub>x</sub>; kúnin;  
namma<sub>x</sub>; nammu<sub>x</sub>; pugin<sub>x</sub>; sug; sugi<sub>x</sub>; suk; suq; šùk; umun<sub>11</sub>; zikum<sub>x</sub>; zug; zuk;  
zuq; buniĝ<sub>x</sub>; bunin<sub>x</sub>; búgin; búniĝ; búnin; bùgin; bùnin; bugin<sub>4</sub>; bunin<sub>4</sub>; buniĝ;  
buniĝ; kunin; buniĝ<sub>x</sub>

LAGAB×A.LUM




as<sub>4</sub>-lum; suluḥu<sub>4</sub>; sulumḥi<sub>4</sub>; zuluḥu<sub>4</sub>

LAGAB×A.TAR

inda

LAGAB×A.TAR



índa


LAGAB×A.TAR


inda


LAGAB× (A . DA . 𒀭A)  édakua

LAGAB× (A . DA . 𒀠A)  édakua

LAGAB× (A . DA . 𒀠A)  édakua

LAGAB× (A.GAR)	
	àgar

LAGAB× (A.GAR)	
	àgar

LAGAB× (A.GAR)	
	àgar

LAGAB× (A.LAL)

ablal; kinbur

LAGAB× (A.LAL)

ablal; kinbur

LAGAB× (A.LAL)

ablal; kinbur

LAGAB×AL



gala<sub>4</sub>; kala<sub>4</sub>

LAGAB×AN



ama<sub>6</sub>

LAGAB×AŠ-zidatenû

No sign exist

No syllabic value exist

LAGAB×BAD



gigir; gigira; pu<sub>6</sub>; tul<sub>8</sub>

LAGAB×BI



kùnin

LAGAB×DAR



gala<sub>11</sub>; kala<sub>10</sub>; sidug; sidugga

LAGAB×EN



bara<sub>5</sub>; para<sub>5</sub>

LAGAB×GA



sídug; síduga; sídugga



LAGAB×GAR



abbar<sub>x</sub>; ambar<sub>x</sub>; as<sub>x</sub>; aslum<sub>x</sub>; ašte<sub>x</sub>; aya<sub>x</sub>; búgin; búniĝ; búnin; dèlen; dèlena;  
dìlim<sub>5</sub>; dīlin; dīlina; duruna<sub>4</sub>; ellamkuš<sub>x</sub>; gunin<sub>x</sub>; ímmindu; inda<sub>4</sub>; kunin<sub>x</sub>;  
ninda<sub>4</sub>; nindu; ninindu; sug<sub>x</sub>; tìnur; umun<sub>x</sub>; zug<sub>x</sub>

LAGAB×GUD



ù<sup>ɔ</sup>; dab<sub>x</sub>; dib<sub>5</sub>; gana<sub>5</sub>; ganam<sub>5</sub>; šara<sub>4</sub>; šùrim; šùru; šùrum; šùrun; ù<sup>ɔ</sup>; ua; wa<sub>x</sub>

LAGAB× (GUD.GUD) .A



u<sup>ɔ</sup> a; u<sup>ɔ</sup> i; u<sup>ɔ</sup> u

LAGAB×GUD.LU.ĦI.A



usduḫa; uzduḫa

LAGAB× (GUD.GUD)



dib<sub>x</sub>; gana<sub>4</sub>; ganam<sub>4</sub>; gayayu; laḫar; laḫra<sub>x</sub>; laḫru; laḫrum; šerba; šurim; šuru;  
šurum; šurun; u<sub>8</sub>; ua; uS<sub>5</sub>; uz<sub>5</sub>; wa<sub>x</sub>

LAGAB×ĦA



èlamkuš; èllamkuš

LAGAB×ĦAL



angur; buniĝ; buniĝ; engur; gilugu; gur<sub>22</sub>; e<sub>x</sub>; i<sub>8</sub>; id; lammu<sub>6</sub>; namma; nammu;  
zigum; zikum; zikumu<sub>x</sub>

LAGAB×ĦAL.A



i<sub>x</sub>

LAGAB×ĦAL.ŠÚ



No syllabic value exist

LAGAB×ĦI×NUN



umun<sub>6</sub>

LAGAB×IM



bun; delen; delena; dilim; dīlim; dilin; dilina; dūruna; elamkuš; ellamkuš;  
ilamma; illamma; immindu; inda<sub>5</sub>; nīnda; nīndu; nīnindu; tinur; tinuru; tunur

LAGAB× (IM.ḪA)

No sign exist

ellamkuš<sub>x</sub>

LAGAB× (IM.LU)

No sign exist

elamkuš<sub>x</sub>; ellamkuš<sub>x</sub>

LAGAB×KI



gala<sub>5</sub>; kala<sub>5</sub>

LAGAB×KIN



ablal<sub>x</sub>; gukin; udda

LAGAB×KÙ



dagrim; dagrin; garim; garin; ġarim; ġarin; tagrim<sub>x</sub>; tagrin<sub>x</sub>

LAGAB×KUL



ésir; kunin; šukum<sub>x</sub>

LAGAB× (KUL.ĤI.A)



esirĥa; esirĥia

LAGAB×LAGAB



nigin<sub>x</sub>

LAGAB×LAK175

No sign exist

saĝa<sub>x</sub>

LAGAB×LIŠ



gìgir

LAGAB×AŠ-tenû

No sign exist

gìgir

LAGAB×LU



àkan; àkkan; élamkuš; éllamkuš

LAGAB×LUL



bara<sub>9</sub>; írib; para<sub>9</sub>

LAGAB×ME



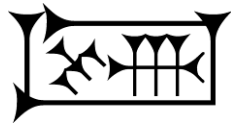
bùgin; bìnin

LAGAB× (ME . EN)



bara<sub>6</sub>; men<sub>4</sub>; para<sub>6</sub>

LAGAB×MUŠ



muššagana

LAGAB×NE



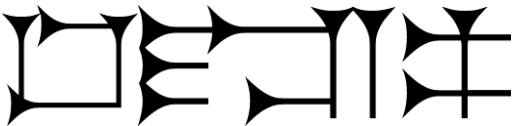
udub

LAGAB×IGI-gunû



ágar; bara<sub>7</sub>; imma<sub>x</sub>; para<sub>7</sub>; šára

LAGAB.SAG-gunû



No syllabic value exist

LAGAB×SUM



bu<sub>14</sub>; bul<sub>5</sub>; buru<sub>16</sub>; sar<sub>6</sub>; sur<sub>8</sub>; šérim; şar; şara; zál; zar; zara; zariḥ; zur<sub>4</sub>



LAGAB× (ŠE.SUM)



šerimsur; šerinsur

LAGAB× (ŠITA.GIŠ.ÉRIN)



me<sub>x</sub>; sagdudu<sub>x</sub>

LAGAB× (ŠITA.GIŠ)



No syllabic value exist

LAGAB×ŠITA-tenû

No sign exist

sag̃dudu<sub>x</sub>

LAGAB× (ŠITA-tenû.GIŠ)



me<sub>9</sub>; múššagana; sagdudu; me<sub>x</sub>; sagdudu<sub>x</sub>

LAGAB× ŠÚ



šu<sub>5</sub>; šuš<sub>5</sub>

LAGAB× (ŠÚ.ŠÚ)



šu<sub>6</sub>; šuš<sub>6</sub>

LAGAB× TAG

No sign exist

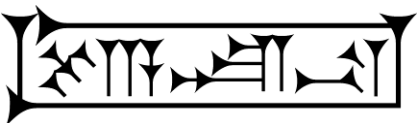
siduga<sub>x</sub>

LAGAB×TAK<sub>4</sub>



bara<sub>8</sub>; ninmuš; para<sub>8</sub>; šàra; šúru; šurun

LAGAB× (TE.A.SU.NA)



šedur

LAGAB×TIL



gigir<sub>x</sub>

LAGAB×U



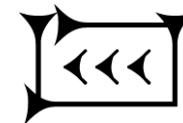
bu<sub>4</sub>; bu<sub>6</sub>; dúl; gàla; gígir; gígira; ḥáb; ḥáp; kàla; pú; tukur<sub>x</sub>; túl; ʔul; ub<sub>4</sub>

LAGAB× (U.A)



àblal; amah; bugin<sub>4</sub>; bunin<sub>4</sub>; ħumuh; umah; umuh; umun<sub>5</sub>

LAGAB×EŠ



bu<sub>5</sub>; bul; bur<sub>10</sub>; buru<sub>x</sub>; néнна; nénni; nínna; ninni<sub>4</sub>; ninnim<sub>4</sub>; ninnu<sub>x</sub>; nussu;  
pul; tu<sub>13</sub>; tug<sub>4</sub>; tuk<sub>4</sub>; tuku<sub>4</sub>; zansur

LAGAB×EŠ.LAGAB×EŠ



bu<sub>5</sub>-bu<sub>5</sub>; bubu<sub>x</sub>; bubbu; nenna; nenni; nin<sub>7</sub>; ninna; nínnu; tutke; tutki; tutku

LAGAB× (Ú.AŠ)



ugra; ugri; ušera; ušeri

LAGAB×UD



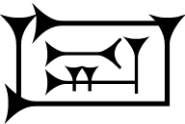
umun<sub>12</sub>; umuna<sub>12</sub>

LAGAB×UN

No sign exist

No syllabic value exist

LAGAB×UŠ



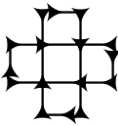
nigin<sub>11</sub>; niĝin<sub>11</sub>; nimen<sub>x</sub>

LAGAB× (ZU&ZU)

No sign exist

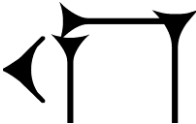
No syllabic value exist

4×LAGAB



buru<sub>x</sub>; guru<sub>x</sub>; gurun<sub>4</sub>

LAGAR



lagal; lagar; nagal

LAGAR. IB



arkab<sub>x</sub>

LAGAR×ŠE



su<sub>7</sub>; sug<sub>8</sub>; sul<sub>4</sub>; sur<sub>12</sub>; sura<sub>12</sub>

LAGAR×SUM

No sign exist

su<sub>x</sub>

LAGAR× (ŠE . SUM)



lugud<sub>4</sub>; suḫirim; suḫirin

LAGAR-gunû



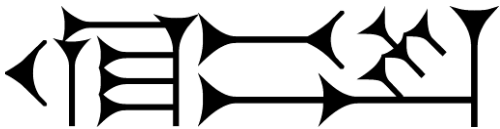
du<sub>6</sub>; dul<sub>6</sub>; tíl; tu<sub>21</sub>; tul<sub>5</sub>; tûl

LAGAR-gunû . DU



e<sub>11</sub>; èd; gigir<sub>4</sub>

LAGAR-gunû.DU-šeššig



e<sub>12</sub>; ed<sub>4</sub>

LAGAR-gunû&LAGAR-gunû.ŠE



sumunda; šumun<sub>x</sub>; šumunda

LAḥŠU

No sign exist

laḥšu

LAK003

No sign exist

No syllabic value exist



LAK021

No sign exist

No syllabic value exist

LAK025

No sign exist

No syllabic value exist

LAK030

No sign exist

No syllabic value exist

LAK050

No sign exist

No syllabic value exist

LAK051

No sign exist

No syllabic value exist

LAK062

No sign exist

No syllabic value exist

LAK079&LAK079-gunû

No sign exist

No syllabic value exist

LAK080

No sign exist

No syllabic value exist

LAK081&LAK081

No sign exist

No syllabic value exist

LAK092

No sign exist

No syllabic value exist

LAK130

No sign exist

No syllabic value exist

LAK142

No sign exist

No syllabic value exist

LAK171-šeššig

No sign exist

esir<sub>x</sub>; giš<sub>h</sub>ur<sub>x</sub>; giškad<sub>x</sub>; ḥad<sub>x</sub>; kad<sub>x</sub>; kam<sub>x</sub>; kar<sub>x</sub>; kara<sub>x</sub>; kid<sub>x</sub>; kim<sub>x</sub>; peš<sub>x</sub>; piš<sub>x</sub>;  
šed<sub>x</sub>; tal<sub>x</sub>; til<sub>x</sub>; unu<sub>x</sub>

LAK210

No sign exist

No syllabic value exist

LAK219

No sign exist

No syllabic value exist

LAK220

No sign exist

No syllabic value exist

LAK225

No sign exist

No syllabic value exist

LAK228

No sign exist

No syllabic value exist

LAK238

No sign exist

No syllabic value exist

LAK265

No sign exist

No syllabic value exist

LAK266

No sign exist

No syllabic value exist

LAK343

No sign exist

No syllabic value exist

LAK347

No sign exist

No syllabic value exist

LAK348

No sign exist

No syllabic value exist

LAK383

No sign exist

No syllabic value exist

LAK384

No sign exist

No syllabic value exist

LAK390

No sign exist

No syllabic value exist

LAK441

No sign exist

No syllabic value exist

LAK449

No sign exist

No syllabic value exist

LAK449×GU

No sign exist

No syllabic value exist

LAK449×IGI

No sign exist

No syllabic value exist

LAK449×(PAP.LÙ)

No sign exist

No syllabic value exist



LAK449× (PAP.PAP.LÙ)

No sign exist

No syllabic value exist

LAK449× (Ú.BA)

No sign exist

No syllabic value exist

LAK450

No sign exist

No syllabic value exist

LAK457

No sign exist

No syllabic value exist

LAK470

No sign exist

No syllabic value exist

LAK483

No sign exist

tug<sub>x</sub>

LAK490

No sign exist

gamur<sub>x</sub>

LAK492

No sign exist

taka<sub>x</sub>; kid<sub>x</sub>

LAK493

No sign exist

No syllabic value exist

LAK495

No sign exist

No syllabic value exist

LAK524

No sign exist

gárig

LAK550

No sign exist

No syllabic value exist

LAK589.PAD.A.SI

No sign exist

addir<sub>x</sub>

LAK589.A.SI

No sign exist

No syllabic value exist

LAK589.PAD.SI

No sign exist

No syllabic value exist

LAK589.SI

No sign exist

No syllabic value exist

LAK589.SI.A

No sign exist

No syllabic value exist

LAK590.SI

No sign exist

No syllabic value exist

LAK608

No sign exist

No syllabic value exist

LAK617

No sign exist

No syllabic value exist

LAK617×AŠ	No sign exist
bun <sub>x</sub>	
LAK617×BAD	No sign exist
No syllabic value exist	
LAK617×DÙN-gunû-gunû	No sign exist
No syllabic value exist	
LAK617×KÙ	No sign exist
No syllabic value exist	

LAK617×LA

No sign exist

No syllabic value exist

LAK617×MIR

No sign exist

No syllabic value exist

LAK617×TAR

No sign exist

No syllabic value exist

LAK617×TE

No sign exist

No syllabic value exist

LAK617×Ú

No sign exist

No syllabic value exist

LAK617×UD

No sign exist

No syllabic value exist

LAK617×URUDA

No sign exist

No syllabic value exist

LAK636

No sign exist

silax



LAK648

No sign exist

No syllabic value exist

LAK648×DUB

No sign exist

No syllabic value exist

LAK648×GA

No sign exist

No syllabic value exist

LAK648×IGI

No sign exist

No syllabic value exist

LAK648×IGI-gunû

No sign exist

No syllabic value exist

LAK648×NI

No sign exist

šakir<sub>x</sub>

LAK648×(PAP.PAP.LÛ)

No sign exist

No syllabic value exist

LAK648×(ŠEŠ.KI)

No sign exist

No syllabic value exist

LAK648×UD

No sign exist

No syllabic value exist

LAK648×URUDA

No sign exist

No syllabic value exist

LAK724

No sign exist

No syllabic value exist

LAK749

No sign exist

No syllabic value exist

LAL



lá; lal; lu<sub>x</sub>; sur<sub>5</sub>; suru<sub>5</sub>; šur<sub>x</sub>; šuru<sub>x</sub>; zur<sub>5</sub>; zuru<sub>5</sub>

LAL.KAK



la<sup>3</sup>u<sub>7</sub>; lal<sup>3</sup>u<sub>7</sub>

LAL.LAGAB



nánga; nigin<sub>7</sub>; nìmem; sur<sub>x</sub>; šur<sub>5</sub>; usar<sub>4</sub>; usur<sub>4</sub>; ušar<sub>4</sub>; ušur<sub>4</sub>

LAL.NI



la<sup>3</sup>u<sub>6</sub>; lal<sup>3</sup>u<sub>6</sub>


LAL.SAR

nanga<sub>4</sub>; nigin<sub>9</sub>; niĝin<sub>9</sub>; nimen<sub>5</sub>; úsar; úšar; úšur



nanga<sub>4</sub>; nigin<sub>9</sub>; niĝin<sub>9</sub>; nimen<sub>5</sub>; úsar; úšar; úšur

LÁL




kurnun; la<sub>5</sub>; la<sup>3</sup>u; lal-lal; lál; lal<sup>3</sup>u; lalla; lallal; papnun



kurnun; la<sub>5</sub>; la<sup>3</sup>u; la<sup>1</sup>la<sup>1</sup>; lá<sup>1</sup>; la<sup>3</sup>u; lalla; lallal; papnun

LÁL.A



la<sup>o</sup>u<sub>5</sub>; la<sup>o</sup>u<sub>5</sub>


$$la^{\sup} u_5; \quad la l^{\sup} u_5$$

LÁL.DU.DU

FIN

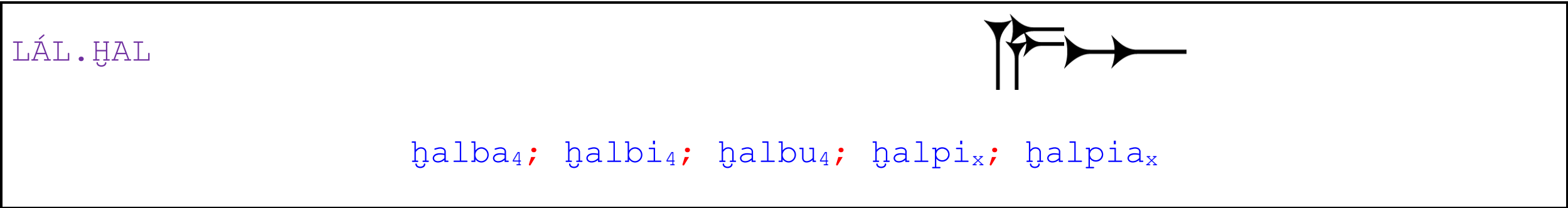
uku<sub>5</sub>; ukur<sub>4</sub>



uku<sub>5</sub>; ukur<sub>4</sub>

LÁL.ḤAL

ḥalba<sub>4</sub>; ḥalbi<sub>4</sub>; ḥalbu<sub>4</sub>; ḥalpi<sub>x</sub>; ḥalpia<sub>x</sub>



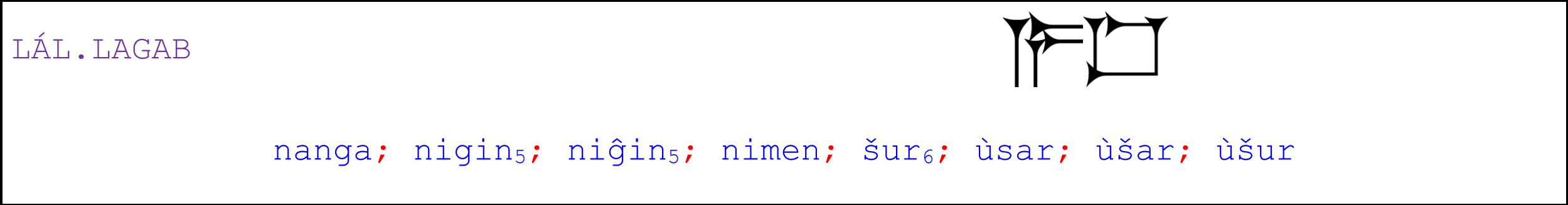
LÁL.ḤAL

ḥalba<sub>4</sub>; ḥalbi<sub>4</sub>; ḥalbu<sub>4</sub>; ḥalpi<sub>x</sub>; ḥalpia<sub>x</sub>

LÁL.LAGAB

𒌦𒌶

nanga; nigin<sub>5</sub>; niĝin<sub>5</sub>; nimen; šur<sub>6</sub>; ùsar; ùšar; ùšur



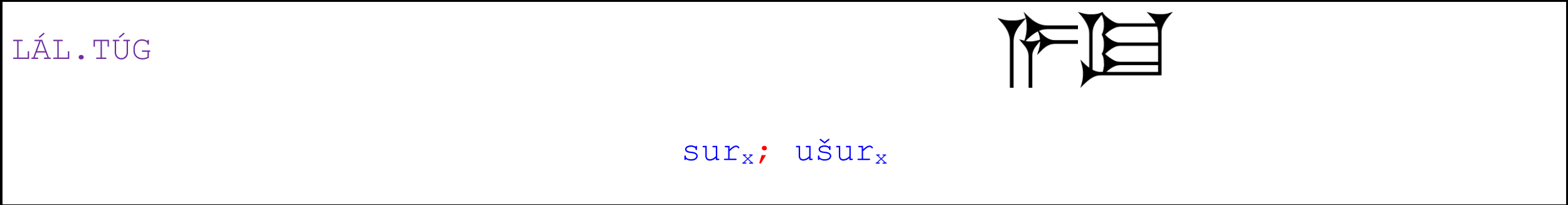
LÁL.LAGAB

𒌦𒌶

nanga; nigin<sub>5</sub>; niĝin<sub>5</sub>; nimen; šur<sub>6</sub>; ùsar; ùšar; ùšur


LÁL.TÚG

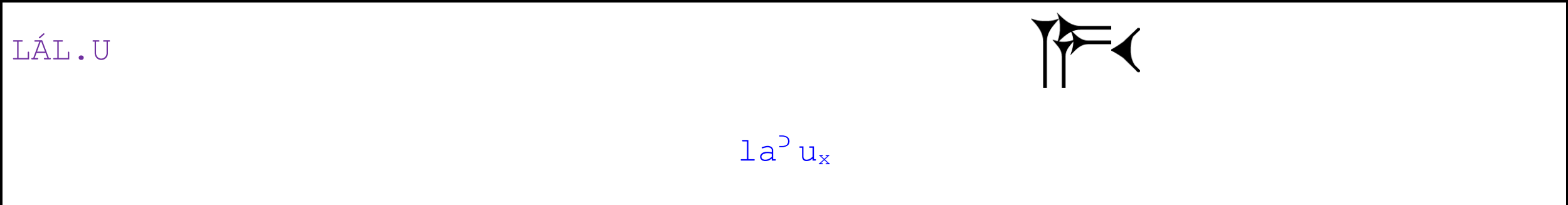
sur<sub>x</sub>; ušur<sub>x</sub>




LÁL.TÚG

sur<sub>x</sub>; ušur<sub>x</sub>

LÁL.U  la³uₓ




LÁL.U  la³uₓ

LÁL.URU×MIN

𐎠𐎡𐎢𐎣𐎤𐎥𐎦𐎧𐎨𐎩𐎪𐎫𐎬𐎭𐎮𐎯𐎰𐎱𐎲𐎳𐎴𐎵𐎶𐎷𐎸𐎹𐎺𐎻𐎼𐎽𐎾𐎿𐏀𐏁𐏂𐏃𐏄𐏅𐏆𐏇𐏈𐏉𐏊𐏋𐏌𐏍𐏎𐏏𐏐𐏑𐏒𐏓𐏔𐏕𐏖𐏗𐏘𐏙𐏚𐏛𐏜𐏝𐏞𐏟𐏠𐏡𐏢𐏣𐏤𐏥𐏦𐏧𐏨𐏩𐏪𐏫𐏬𐏭𐏮𐏯𐏰𐏱𐏲𐏳𐏴𐏵𐏶𐏷𐏸𐏹𐏺𐏻𐏼𐏽𐏾𐏿𐐀𐐁𐐂𐐃𐐄𐐅𐐆𐐇𐐈𐐉𐐊𐐋𐐌𐐍𐐎𐐏𐐐𐐑𐐒𐐓𐐔𐐕𐐖𐐗𐐘𐐙𐐚𐐛𐐜𐐝𐐞𐐟𐐠𐐡𐐢𐐣𐐤𐐥𐐦𐐧𐐨𐐩𐐪𐐫𐐬𐐭𐐮𐐯𐐰𐐱𐐲𐐳𐐴𐐵𐐶𐐷𐐸𐐹𐐺𐐻𐐼𐐽𐐾𐐿𐑀𐑁𐑂𐑃𐑄𐑅𐑆𐑇𐑈𐑉𐑊𐑋𐑌𐑍𐑎𐑏𐑐𐑑𐑒𐑓𐑔𐑕𐑖𐑗𐑘𐑙𐑚𐑛𐑜𐑝𐑞𐑟𐑠𐑡𐑢𐑣𐑤𐑥𐑦𐑧𐑨𐑩𐑪𐑫𐑬𐑭𐑮𐑯𐑰𐑱𐑲𐑳𐑴𐑵𐑶𐑷𐑸𐑹𐑺𐑻𐑼𐑽𐑾𐑿𐒀𐒁𐒂𐒃𐒄𐒅𐒆𐒇𐒈𐒉𐒊𐒋𐒌𐒍𐒎𐒏𐒐𐒑𐒒𐒓𐒔𐒕𐒖𐒗𐒘𐒙𐒚𐒛𐒜𐒝𐒞𐒟𐒠𐒡𐒢𐒣𐒤𐒥𐒦𐒧𐒨𐒩𐒪𐒫𐒬𐒭𐒮𐒯𐒰𐒱𐒲𐒳𐒴𐒵𐒶𐒷𐒸𐒹𐒺𐒻𐒼𐒽𐒾𐒿𐓀𐓁𐓂𐓃𐓄𐓅𐓆𐓇𐓈𐓉𐓊𐓋𐓌𐓍𐓎𐓏𐓐𐓑𐓒𐓓𐓔𐓕𐓖𐓗𐓘𐓙𐓚𐓛𐓜𐓝𐓞𐓟𐓠𐓡𐓢𐓣𐓤𐓥𐓦𐓧𐓨𐓩𐓪𐓫𐓬𐓭𐓮𐓯𐓰𐓱𐓲𐓳𐓴𐓵𐓶𐓷𐓸𐓹𐓺𐓻𐓼𐓽𐓾𐓿𐔀𐔁𐔂𐔃𐔄𐔅𐔆𐔇𐔈𐔉𐔊𐔋𐔌𐔍𐔎𐔏𐔐𐔑𐔒𐔓𐔔𐔕𐔖𐔗𐔘𐔙𐔚𐔛𐔜𐔝𐔞𐔟𐔠𐔡𐔢𐔣𐔤𐔥𐔦𐔧𐔨𐔩𐔪𐔫𐔬𐔭𐔮𐔯𐔰𐔱𐔲𐔳𐔴𐔵𐔶𐔷𐔸𐔹𐔺𐔻𐔼𐔽𐔾𐔿𐕀𐕁𐕂𐕃𐕄𐕅𐕆𐕇𐕈𐕉𐕊𐕋𐕌𐕍𐕎𐕏𐕐𐕑𐕒𐕓𐕔𐕕𐕖𐕗𐕘𐕙𐕚𐕛𐕜𐕝𐕞𐕟𐕠𐕡𐕢𐕣𐕤𐕥𐕦𐕧𐕨𐕩𐕪𐕫𐕬𐕭𐕮𐕯𐕰𐕱𐕲𐕳𐕴𐕵𐕶𐕷𐕸𐕹𐕺𐕻𐕼𐕽𐕾𐕿𐖀𐖁𐖂𐖃𐖄𐖅𐖆𐖇𐖈𐖉𐖊𐖋𐖌𐖍𐖎𐖏𐖐𐖑𐖒𐖓𐖔𐖕𐖖𐖗𐖘𐖙𐖚𐖛𐖜𐖝𐖞𐖟𐖠𐖡𐖢𐖣𐖤𐖥𐖦𐖧𐖨𐖩𐖪𐖫𐖬𐖭𐖮𐖯𐖰𐖱𐖲𐖳𐖴𐖵𐖶𐖷𐖸𐖹𐖺𐖻𐖼𐖽𐖾𐖿𐗀𐗁𐗂𐗃𐗄𐗅𐗆𐗇𐗈𐗉𐗊𐗋𐗌𐗍𐗎𐗏𐗐𐗑𐗒𐗓𐗔𐗕𐗖𐗗𐗘𐗙𐗚𐗛𐗜𐗝𐗞𐗟𐗠𐗡𐗢𐗣𐗤𐗥𐗦𐗧𐗨𐗩𐗪𐗫𐗬𐗭𐗮𐗯𐗰𐗱𐗲𐗳𐗴𐗵𐗶𐗷𐗸𐗹𐗺𐗻𐗼𐗽𐗾𐗿𐘀𐘁𐘂𐘃𐘄𐘅𐘆𐘇𐘈𐘉𐘊𐘋𐘌𐘍𐘎𐘏𐘐𐘑𐘒𐘓𐘔𐘕𐘖𐘗𐘘𐘙𐘚𐘛𐘜𐘝𐘞𐘟𐘠𐘡𐘢𐘣𐘤𐘥𐘦𐘧𐘨𐘩𐘪𐘫𐘬𐘭𐘮𐘯𐘰𐘱𐘲𐘳𐘴𐘵𐘶𐘷𐘸𐘹𐘺𐘻𐘼𐘽𐘾𐘿𐙀𐙁𐙂𐙃𐙄𐙅𐙆𐙇𐙈𐙉𐙊𐙋𐙌𐙍𐙎𐙏𐙐𐙑𐙒𐙓𐙔𐙕𐙖𐙗𐙘𐙙𐙚𐙛𐙜𐙝𐙞𐙟𐙠𐙡𐙢𐙣𐙤𐙥𐙦𐙧𐙨𐙩𐙪𐙫𐙬𐙭𐙮𐙯𐙰𐙱𐙲𐙳𐙴𐙵𐙶𐙷𐙸𐙹𐙺𐙻𐙼𐙽𐙾𐙿𐚀𐚁𐚂𐚃𐚄𐚅𐚆𐚇𐚈𐚉𐚊𐚋𐚌𐚍𐚎𐚏𐚐𐚑𐚒𐚓𐚔𐚕𐚖𐚗𐚘𐚙𐚚𐚛𐚜𐚝𐚞𐚟𐚠𐚡𐚢𐚣𐚤𐚥𐚦𐚧𐚨𐚩𐚪𐚫𐚬𐚭𐚮𐚯𐚰𐚱𐚲𐚳𐚴𐚵𐚶𐚷𐚸𐚹𐚺𐚻𐚼𐚽𐚾𐚿𐛀𐛁𐛂𐛃𐛄𐛅𐛆𐛇𐛈𐛉𐛊𐛋𐛌𐛍𐛎𐛏𐛐𐛑𐛒𐛓𐛔𐛕𐛖𐛗𐛘𐛙𐛚𐛛𐛜𐛝𐛞𐛟𐛠𐛡𐛢𐛣𐛤𐛥𐛦𐛧𐛨𐛩𐛪𐛫𐛬𐛭𐛮𐛯𐛰𐛱𐛲𐛳𐛴𐛵𐛶𐛷𐛸𐛹𐛺𐛻𐛼𐛽𐛾𐛿𐜀𐜁𐜂𐜃𐜄𐜅𐜆𐜇𐜈𐜉𐜊𐜋𐜌𐜍𐜎𐜏𐜐𐜑𐜒𐜓𐜔𐜕𐜖𐜗𐜘𐜙𐜚𐜛𐜜𐜝𐜞𐜟𐜠𐜡𐜢𐜣𐜤𐜥𐜦𐜧𐜨𐜩𐜪𐜫𐜬𐜭𐜮𐜯𐜰𐜱𐜲𐜳𐜴𐜵𐜶𐜷𐜸𐜹𐜺𐜻𐜼𐜽𐜾𐜿𐝀𐝁𐝂𐝃𐝄𐝅𐝆𐝇𐝈𐝉𐝊𐝋𐝌𐝍𐝎𐝏𐝐𐝑𐝒𐝓𐝔𐝕𐝖𐝗𐝘𐝙𐝚𐝛𐝜𐝝𐝞𐝟𐝠𐝡𐝢𐝣𐝤𐝥𐝦𐝧𐝨𐝩𐝪𐝫𐝬𐝭𐝮𐝯𐝰𐝱𐝲𐝳𐝴𐝵𐝶𐝷𐝸𐝹𐝺𐝻𐝼𐝽𐝾𐝿𐞀𐞁𐞂𐞃𐞄𐞅𐞆𐞇𐞈𐞉𐞊𐞋𐞌𐞍𐞎𐞏𐞐𐞑𐞒𐞓𐞔𐞕𐞖𐞗𐞘𐞙𐞚𐞛𐞜

oi<sub>5</sub>; halbu<sub>5</sub>

oi<sub>5</sub>; halbu<sub>5</sub>

LÁL.DU   
úku; ùkur


# RE


# RE

LÁL.KAK

la<sup>ɔ</sup>u<sub>4</sub>; la<sup>ɔ</sup>u<sub>4</sub>



LÁL.NI   
là<sup>ᵛ</sup>u; làl<sup>ᵛ</sup>u

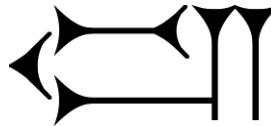


LÁL.SAR



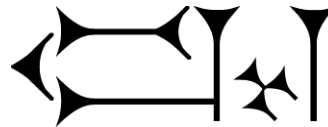
nànga; nigin<sub>8</sub>; niĝin<sub>8</sub>; nimen<sub>4</sub>; šur<sub>4</sub>; usar; usur; ušar; ušur

LAM



eš<sub>x</sub>; la<sub>12</sub>; lam; lama; lamma<sub>x</sub>; lîm; lug<sub>x</sub>

LAM×KUR



àrad; eš<sub>22</sub>; eš<sub>u</sub><sub>x</sub>; iš<sub>11</sub>; lam<sub>7</sub>

LAM× (KUR.RU)

**No sign exist**

arata; aratta; araṭa; šúripak; šúrippak; šúrupak; šúruppak

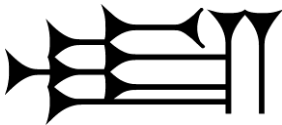


LAM.SAG



šuba<sub>x</sub>

LI



èn; gúb; gúp; le; li; ni<sub>8</sub>; nu<sub>9</sub>; en<sub>8</sub>; li<sub>5</sub>

LIL



il<sub>9</sub>; kur<sub>x</sub>; lil; suku<sub>x</sub>

LIMMU



lammu; limmu; limu

A diagram showing the relationship between LIMMU and limmu\_x. On the left, the text "LIMMU" is written in purple. On the right, the text "No sign exist" is written in red. In the center, the text "limmu\_x" is written in blue.

A diagram illustrating a relationship between LIMMU and  $\text{limmu}_x$ . On the left, the text "LIMMU" is written in purple. On the right, the text "No sign exist" is written in red. In the center, the text " $\text{limmu}_x$ " is written in blue.

A diagram showing the relationship between LIMMU and limmu\_x. On the left, the text "LIMMU" is written in purple. On the right, the text "No sign exist" is written in red. In the center, the text "limmu\_x" is written in blue.

LIMMU

$\text{limmu}_x$

No sign exist

LIMMU

$\text{limmu}_x$

No sign exist

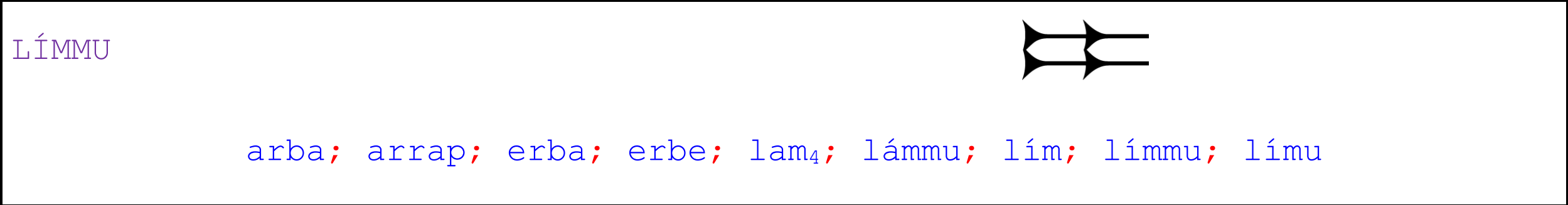
LIMMU

$\text{limmu}_x$

No sign exist


LÍMMU

arba; arrap; erba; erbe; lam<sub>4</sub>; lámmu; lím; límму; límu

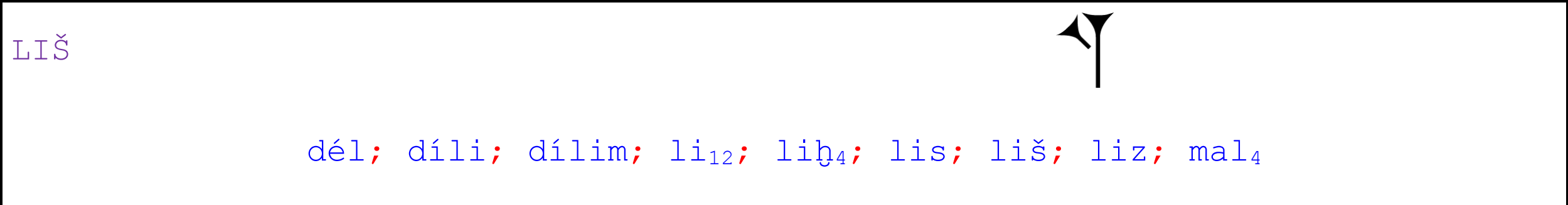


LÍMMU

arba; arrap; erba; erbe; lam<sub>4</sub>; lámmu; lím; límму; límu

LIŠ 


dél; díli; dílim; li<sub>12</sub>; liḥ<sub>4</sub>; lis; liš; liz; mal<sub>4</sub>



LIŠ

LIŠ

dél; díli; dílim; li<sub>12</sub>; liḥ<sub>4</sub>; lis; liš; liz; mal<sub>4</sub>

LU 

eze; lu; lug; nu<sub>12</sub>; si<sub>6</sub>; udu



eze; lu; lug; nu<sub>12</sub>; si<sub>6</sub>; udu

(LU.ÉŠ) & (LU.ÉŠ)

No sign exist

$\text{lub}_x$

**No sign exist**

 $\text{lub}_x$ 


LU.ÉŠ.GAR.KI

ugnim<sub>x</sub>




$$\text{ugnim}_x$$

LU.GÌR×IGI



No syllabic value exist



## No syllabic value exist

LU.ḪÚL

𒌦𒄣

guggal; gukkal; kungal

LU.ḪÚL

𒌦𒄀

guggal; gukkal; kungal

LU.ḪÚL

𒌦𒄀

guggal; gukkal; kungal

LU.KI.KAK

zarah

𐤆𐤀𐤊𐤁𐤀𐤕

LU.KI.KAK

zarah

𐤆𐤀𐤊𐤁𐤀𐤕

LU.KI.KAK

zarah

𐎠𐎡𐎢𐎣𐎤𐎥𐎦𐎧𐎨𐎩𐎪𐎫𐎬𐎭𐎮𐎯𐎰𐎱𐎲𐎳𐎴𐎵𐎶𐎷𐎸𐎹𐎺𐎻𐎼𐎽𐎾𐎿𐏀𐏁𐏂𐏃𐏄𐏅𐏆𐏇𐏈𐏉𐏊𐏋𐏌𐏍𐏎𐏏𐏐𐏑𐏒𐏓𐏔𐏕𐏖𐏗𐏘𐏙𐏚𐏛𐏜𐏝𐏞𐏟𐏠𐏡𐏢𐏣𐏤𐏥𐏦𐏧𐏨𐏩𐏪𐏫𐏬𐏭𐏮𐏯𐏰𐏱𐏲𐏳𐏴𐏵𐏶𐏷𐏸𐏹𐏺𐏻𐏼𐏽𐏾𐏿𐐀𐐁𐐂𐐃𐐄𐐅𐐆𐐇𐐈𐐉𐐊𐐋𐐌𐐍𐐎𐐏𐐐𐐑𐐒𐐓𐐔𐐕𐐖𐐗𐐘𐐙𐐚𐐛𐐜𐐝𐐞𐐟𐐠𐐡𐐢𐐣𐐤𐐥𐐦𐐧𐐨𐐩𐐪𐐫𐐬𐐭𐐮𐐯𐐰𐐱𐐲𐐳𐐴𐐵𐐶𐐷𐐸𐐹𐐺𐐻𐐼𐐽𐐾𐐿𐑀𐑁𐑂𐑃𐑄𐑅𐑆𐑇𐑈𐑉𐑊𐑋𐑌𐑍𐑎𐑏𐑐𐑑𐑒𐑓𐑔𐑕𐑖𐑗𐑘𐑙𐑚𐑛𐑜𐑝𐑞𐑟𐑠𐑡𐑢𐑣𐑤𐑥𐑦𐑧𐑨𐑩𐑪𐑫𐑬𐑭𐑮𐑯𐑰𐑱𐑲𐑳𐑴𐑵𐑶𐑷𐑸𐑹𐑺𐑻𐑼𐑽𐑾𐑿𐒀𐒁𐒂𐒃𐒄𐒅𐒆𐒇𐒈𐒉𐒊𐒋𐒌𐒍𐒎𐒏𐒐𐒑𐒒𐒓𐒔𐒕𐒖𐒗𐒘𐒙𐒚𐒛𐒜𐒝𐒞𐒟𐒠𐒡𐒢𐒣𐒤𐒥𐒦𐒧𐒨𐒩𐒪𐒫𐒬𐒭𐒮𐒯𐒰𐒱𐒲𐒳𐒴𐒵𐒶𐒷𐒸𐒹𐒺𐒻𐒼𐒽𐒾𐒿𐓀𐓁𐓂𐓃𐓄𐓅𐓆𐓇𐓈𐓉𐓊𐓋𐓌𐓍𐓎𐓏𐓐𐓑𐓒𐓓𐓔𐓕𐓖𐓗𐓘𐓙𐓚𐓛𐓜𐓝𐓞𐓟𐓠𐓡𐓢𐓣𐓤𐓥𐓦𐓧𐓨𐓩𐓪𐓫𐓬𐓭𐓮𐓯𐓰𐓱𐓲𐓳𐓴𐓵𐓶𐓷𐓸𐓹𐓺𐓻𐓼𐓽𐓾𐓿𐔀𐔁𐔂𐔃𐔄𐔅𐔆𐔇𐔈𐔉𐔊𐔋𐔌𐔍𐔎𐔏𐔐𐔑𐔒𐔓𐔔𐔕𐔖𐔗𐔘𐔙𐔚𐔛𐔜𐔝𐔞𐔟𐔠𐔡𐔢𐔣𐔤𐔥𐔦𐔧𐔨𐔩𐔪𐔫𐔬𐔭𐔮𐔯𐔰𐔱𐔲𐔳𐔴𐔵𐔶𐔷𐔸𐔹𐔺𐔻𐔼𐔽𐔾𐔿𐕀𐕁𐕂𐕃𐕄𐕅𐕆𐕇𐕈𐕉𐕊𐕋𐕌𐕍𐕎𐕏𐕐𐕑𐕒𐕓𐕔𐕕𐕖𐕗𐕘𐕙𐕚𐕛𐕜𐕝𐕞𐕟𐕠𐕡𐕢𐕣𐕤𐕥𐕦𐕧𐕨𐕩𐕪𐕫𐕬𐕭𐕮𐕯𐕰𐕱𐕲𐕳𐕴𐕵𐕶𐕷𐕸𐕹𐕺𐕻𐕼𐕽𐕾𐕿𐖀𐖁𐖂𐖃𐖄𐖅𐖆𐖇𐖈𐖉𐖊𐖋𐖌𐖍𐖎𐖏𐖐𐖑𐖒𐖓𐖔𐖕𐖖𐖗𐖘𐖙𐖚𐖛𐖜𐖝𐖞𐖟𐖠𐖡𐖢𐖣𐖤𐖥𐖦𐖧𐖨𐖩𐖪𐖫𐖬𐖭𐖮𐖯𐖰𐖱𐖲𐖳𐖴𐖵𐖶𐖷𐖸𐖹𐖺𐖻𐖼𐖽𐖾𐖿𐗀𐗁𐗂𐗃𐗄𐗅𐗆𐗇𐗈𐗉𐗊𐗋𐗌𐗍𐗎𐗏𐗐𐗑𐗒𐗓𐗔𐗕𐗖𐗗𐗘𐗙𐗚𐗛𐗜𐗝𐗞𐗟𐗠𐗡𐗢𐗣𐗤𐗥𐗦𐗧𐗨𐗩𐗪𐗫𐗬𐗭𐗮𐗯𐗰𐗱𐗲𐗳𐗴𐗵𐗶𐗷𐗸𐗹𐗺𐗻𐗼𐗽𐗾𐗿𐘀𐘁𐘂𐘃𐘄𐘅𐘆𐘇𐘈𐘉𐘊𐘋𐘌𐘍𐘎𐘏𐘐𐘑𐘒𐘓𐘔𐘕𐘖𐘗𐘘𐘙𐘚𐘛𐘜𐘝𐘞𐘟𐘠𐘡𐘢𐘣𐘤𐘥𐘦𐘧𐘨𐘩𐘪𐘫𐘬𐘭𐘮𐘯𐘰𐘱𐘲𐘳𐘴𐘵𐘶𐘷𐘸𐘹𐘺𐘻𐘼𐘽𐘾𐘿𐙀𐙁𐙂𐙃𐙄𐙅𐙆𐙇𐙈𐙉𐙊𐙋𐙌𐙍𐙎𐙏𐙐𐙑𐙒𐙓𐙔𐙕𐙖𐙗𐙘𐙙𐙚𐙛𐙜𐙝𐙞𐙟𐙠𐙡𐙢𐙣𐙤𐙥𐙦𐙧𐙨𐙩𐙪𐙫𐙬𐙭𐙮𐙯𐙰𐙱𐙲𐙳𐙴𐙵𐙶𐙷𐙸𐙹𐙺𐙻𐙼𐙽𐙾𐙿𐚀𐚁𐚂𐚃𐚄𐚅𐚆𐚇𐚈𐚉𐚊𐚋𐚌𐚍𐚎𐚏𐚐𐚑𐚒𐚓𐚔𐚕𐚖𐚗𐚘𐚙𐚚𐚛𐚜𐚝𐚞𐚟𐚠𐚡𐚢𐚣𐚤𐚥𐚦𐚧𐚨𐚩𐚪𐚫𐚬𐚭𐚮𐚯𐚰𐚱𐚲𐚳𐚴𐚵𐚶𐚷𐚸𐚹𐚺𐚻𐚼𐚽𐚾𐚿𐛀𐛁𐛂𐛃𐛄𐛅𐛆𐛇𐛈𐛉𐛊𐛋𐛌𐛍𐛎𐛏𐛐𐛑𐛒𐛓𐛔𐛕𐛖𐛗𐛘𐛙𐛚𐛛𐛜𐛝𐛞𐛟𐛠𐛡𐛢𐛣𐛤𐛥𐛦𐛧𐛨𐛩𐛪𐛫𐛬𐛭𐛮𐛯𐛰𐛱𐛲𐛳𐛴𐛵𐛶𐛷𐛸𐛹𐛺𐛻𐛼𐛽𐛾𐛿𐜀𐜁𐜂𐜃𐜄𐜅𐜆𐜇𐜈𐜉𐜊𐜋𐜌𐜍𐜎𐜏𐜐𐜑𐜒𐜓𐜔𐜕𐜖𐜗𐜘𐜙𐜚𐜛𐜜𐜝𐜞𐜟𐜠𐜡𐜢𐜣𐜤𐜥𐜦𐜧𐜨𐜩𐜪𐜫𐜬𐜭𐜮𐜯𐜰𐜱𐜲𐜳𐜴𐜵𐜶𐜷𐜸𐜹𐜺𐜻𐜼𐜽𐜾𐜿𐝀𐝁𐝂𐝃𐝄𐝅𐝆𐝇𐝈𐝉𐝊𐝋𐝌𐝍𐝎𐝏𐝐𐝑𐝒𐝓𐝔𐝕𐝖𐝗𐝘𐝙𐝚𐝛𐝜𐝝𐝞𐝟𐝠𐝡𐝢𐝣𐝤𐝥𐝦𐝧𐝨𐝩𐝪𐝫𐝬𐝭𐝮𐝯𐝰𐝱𐝲𐝳𐝴𐝵𐝶𐝷𐝸𐝹𐝺𐝻𐝼𐝽𐝾𐝿𐞀𐞁𐞂𐞃𐞄𐞅𐞆𐞇𐞈𐞉𐞊𐞋𐞌𐞍𐞎𐞏𐞐𐞑𐞒𐞓

LU.SU

šimašgi; šimaški

LU.SU

šimašgi; šimaški

LU.SU

šimašgi; šimaški

LU.SU.A

šímašgi; šímaški

LU.SU.A

šímašgi; šímaški

LU.SU.A

šímašgi; šímaški

LU×BAD



àd; ádda

LUGAL



nūr-ili; šarru; bišeba; bišebi; ḥániš; kaššeba; kaššebi; lillan; lugal;  
lugala; nurra; ràb; sag<sub>4</sub>; saĝ<sub>4</sub>; šàr; šara<sub>x</sub>; šarra; šarru; šarrum; šugur

LUGAL.GAL



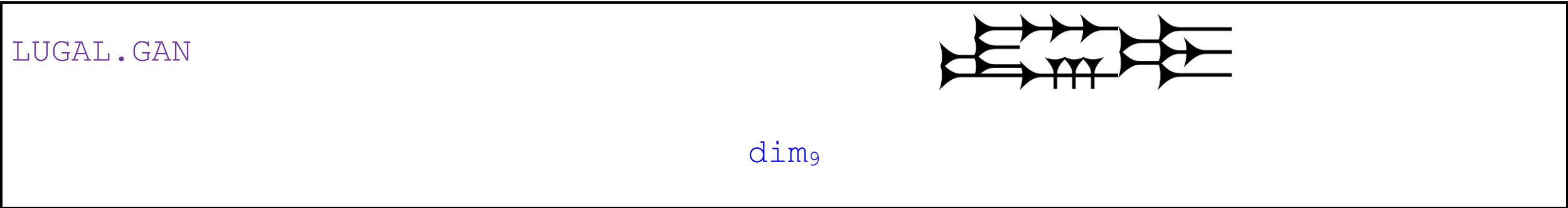
No syllabic value exist

LUGAL.GAM




dim<sub>x</sub>

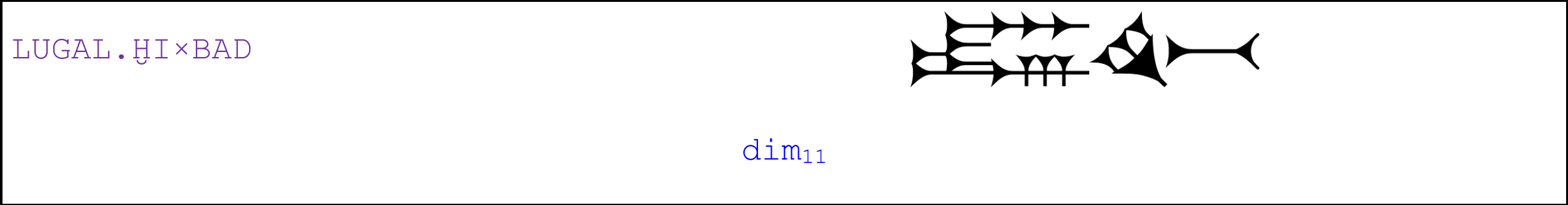
The diagram illustrates the LUGAL.GAN architecture. It starts with a block labeled "LUGAL.GAN" in purple. This is followed by a block labeled "dim<sub>9</sub>" in blue. The final block is a complex, multi-layered structure with a central vertical axis and multiple horizontal layers, representing a deep neural network architecture.



LUGAL.ĜI×BAD

dim<sub>11</sub>





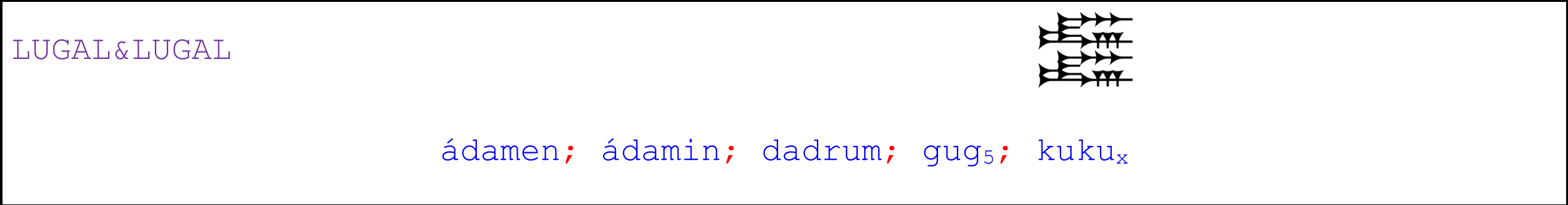
LUGAL.ĜI×BAD

dim<sub>11</sub>



LUGAL&LUGAL

ádamen; ádamin; dadrum; gug<sub>5</sub>; kuku<sub>x</sub>

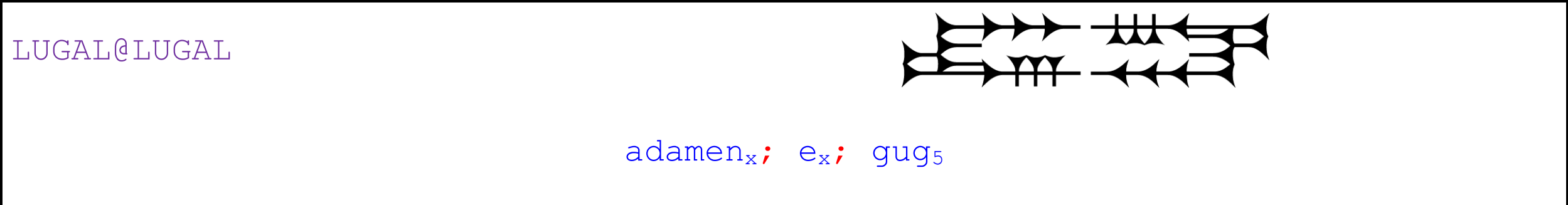


LUGAL&LUGAL

ádamen; ádamin; dadrum; gug<sub>5</sub>; kuku<sub>x</sub>

LUGAL@LUGAL

adamen<sub>x</sub>; e<sub>x</sub>; gug<sub>5</sub>



LUGAL@LUGAL

adamen<sub>x</sub>; e<sub>x</sub>; gug<sub>5</sub>

LUGAL%LUGAL

No sign exist

No syllabic value exist

LUGAL-šeššig

No sign exist

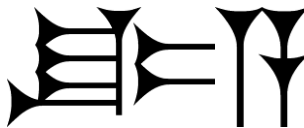
dìm

LUḪ



ḫuluh; làḫ; làḫa; liḫ; luḫ; luḫu; naḫ; raḫ; riḫ; ruḫ; súbur; sugal<sub>7</sub>; sukal;  
sukkal; šukal; šukkal

LUL.A



ka<sub>10</sub>

LUL



bàḥ; buḥ; dúnga; duga<sub>x</sub>; ìlumer; ka<sub>5</sub>; kúšum; láb; leb; lep; lib; libi; lip;  
lu<sub>5</sub>; lub; lug<sub>x</sub>; lul; lulu; lup; nar; nari; paḥ; pán; piḥ; puḥ; sar<sub>7</sub>; sulug;  
sulun; šatam; šattam; šaṭam; še<sub>11</sub>; zulug

LUL.BALAG







tégi; tígi; tígu

LUM



eger<sub>5</sub>; egir<sub>5</sub>; eġir<sub>5</sub>; gam<sub>x</sub>; gu<sub>15</sub>; gud<sub>6</sub>; gúm; gumu; gun<sub>5</sub>; guz; ḥu<sub>5</sub>; ḥum; ḥumu;  
ḥus; ḥuz; kun<sub>x</sub>; kuġ<sub>x</sub>; kús; kúš; lam<sub>x</sub>; lu<sub>4</sub>; lum; luma; lumu; nim<sub>4</sub>; nu<sub>4</sub>; núm; qùm



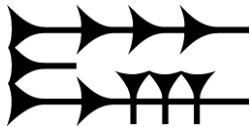
LUM.LUM	
gugumu; luḥum	
LUM&LUM	
gúm-gúm; gumgum	
LUM&LUM.DU-šeššig	
gúm-gúm-kaš <sub>4</sub>	
LUM&LUM.GAR&GAR	
lùgud	

LUM&LUM.ŠÚ



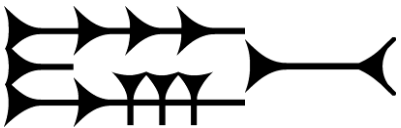
gúḥšu; gúm-gúm-šú; gumgumšu

LÚ



adda<sub>x</sub>; du<sub>x</sub>; giri<sub>x</sub>; lú; na<sub>6</sub>; rúḥ; ša<sub>11</sub>; šaga<sub>x</sub>; šaĝa<sub>x</sub>

LÚ.BAD



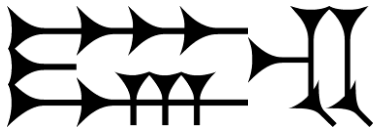
ad<sub>6</sub>; ada<sub>x</sub>; adda; adda<sub>x</sub>; at<sub>6</sub>

LÚ.DIŠ



gal<sub>10</sub>; gala<sub>10</sub>

LÚ. EN



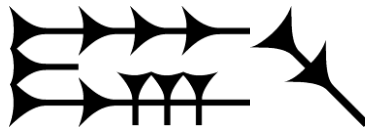
dapara<sub>x</sub>

LÚ. ÉŠ



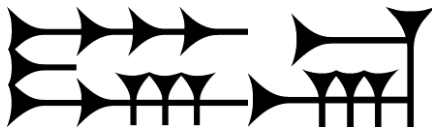
No syllabic value exist

LÚ. GAM



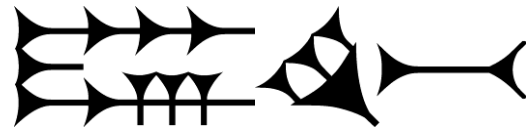
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LÚ. GÁN-tenû



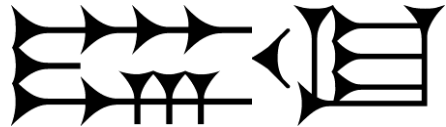
No syllabic value exist

LÚ.ĦI×BAD



No syllabic value exist

LÚ.KI



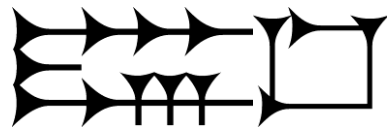
gúrud

LÚ.KU



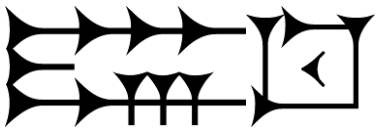
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LÚ.LAGAB



No syllabic value exist

LÚ.LAGAB×U



No syllabic value exist

LÚ.LÚ



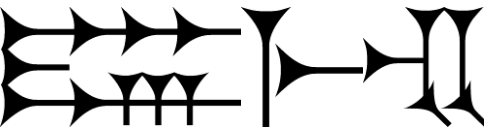
adamin<sub>x</sub>; gigam<sub>x</sub>; inbir<sub>x</sub>

LÚ.LÚ.LÚ.LÚ







dapara<sub>x</sub>; kàpara; karaš<sub>x</sub>; pàgra

LÚ.ME.EN



daparu; saparu

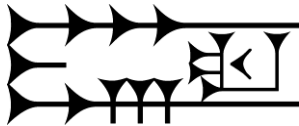
LÚ.NE	
	No syllabic value exist
LÚ.ŠÀ	
	No syllabic value exist
LÚ.ŠU	
	No syllabic value exist
LÚ.TÚG	
	ašlag <sub>7</sub> ; azalag <sub>7</sub> ; azlag <sub>7</sub> ; dubal <sub>7</sub>

LÚ×(A.NE)



No syllabic value exist

LÚ×AL



dubal<sub>5</sub>

LÚ×BAD



ad<sub>6</sub>; ada<sub>x</sub>; adda; at<sub>6</sub>; adda<sub>x</sub>

LÚ×DIŠ

No sign exist

No syllabic value exist

LÚ×ÉŠ



er<sub>x</sub>; ere<sub>x</sub>

LÚ×ÉŠ.LAL



ešela; ešelal; ir<sub>x</sub>

LÚ×ÉŠ-tenû



er<sub>13</sub>; ere<sub>13</sub>; eri<sub>13</sub>; ir<sub>13</sub>

LÚ×GAM

No sign exist

ad<sub>x</sub>



LÚ×GÁN-tenû



ḥeš<sub>5</sub>; šaga; šaĝa; še<sub>29</sub>

LÚ×ḪAL

No sign exist

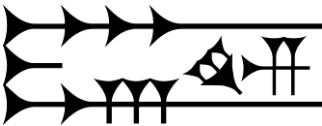
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LÚ×ḪI×BAD



kama<sub>5</sub>

LÚ×IM



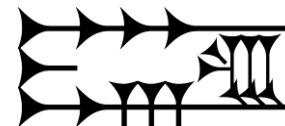
No syllabic value exist

LÚ×KÁD



dùbal; dubal<sub>4</sub>

LÚ×KÀD



dubal<sub>4</sub>

LÚ× (KÀD.AŠ)

**No sign exist**

zánabal

LÚ×KI



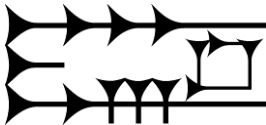
dubal<sub>6</sub>; gúrud

LÚ× (LA.AŠ)

No sign exist

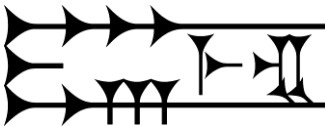
zanabal

LÚ×LAGAB



dìnig; ešlug; ɥàr; ɥàra; tešlug

LÚ× (ME.EN)



dínig

LÚ×NE



du<sub>14</sub>

LÚ×NU	No sign exist	No syllabic value exist
LÚ×PAP	No sign exist	No syllabic value exist
LÚ× (PAP . PAP . LÙ)	No sign exist	No syllabic value exist
LÚ× (SI . AŠ)	No sign exist	zànabal

LÚ× (SÍK.BU)



No syllabic value exist

LÚ× ŠÀ

No sign exist

No syllabic value exist

LÚ× (ŠÈ.LAL)



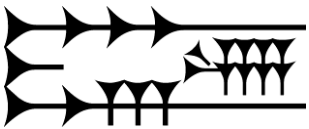
No syllabic value exist

LÚ× ŠU



er<sub>x</sub>; ere<sub>x</sub>

LÚ×TAK<sub>4</sub>



No syllabic value exist

LÚ×TÚG



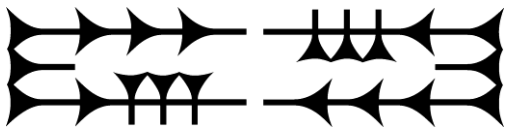
ašlag<sub>7</sub>; azalag<sub>7</sub>; azlag<sub>7</sub>; dubal<sub>7</sub>

LÚ%LÚ



adamen

LÚ@LÚ



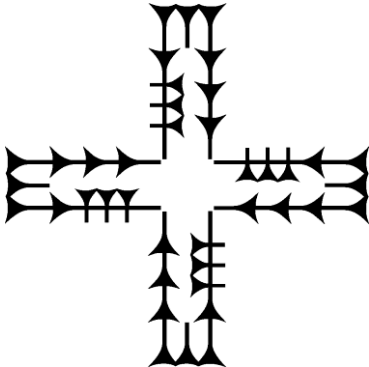
adamin; enbir; gigam; inbir; pagra<sub>x</sub>; ùrbigu; ùrbingu

LÚ&LÚ



No syllabic value exist

4×LÚ



dàpara; pàgra

LÚ-gunû.ÚŠ

No sign exist

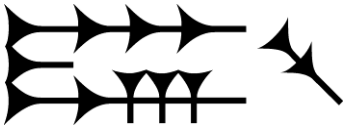
adda<sub>x</sub>

LÚ-gunû×AŠ

No sign exist

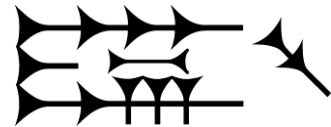
No syllabic value exist

LÚ-šeššig



ad<sub>x</sub>; ad<sub>7</sub>; dim<sub>x</sub>; ri<sub>9</sub>; rin<sub>5</sub>; ug<sub>8</sub>

LÚ-šeššig×BAD



ad<sub>x</sub>; ad<sub>8</sub>

LÚ-šeššig.NA



arina<sub>x</sub>



LÚ-tenû



lil<sub>8</sub>

LÙ



gad<sub>x</sub>; gar<sub>5</sub>; gud<sub>x</sub>; gúg; kúk; lù

LÙ.PAP.PAP



títab; bára-munu<sub>5</sub>; titab

MA



ma; pèš; pešše; wa<sub>6</sub>

MA×TAK<sub>4</sub>

No sign exist

šir<sub>x</sub>

MAḤ



al<sub>6</sub>; maḥ; maḥa; meḥ; miḥ; šutur

MAR



gar<sub>7</sub>; ġar<sub>7</sub>; mar; mara; wár

MAR.TU



amurru

MA-gunûxTAK<sub>4</sub>

No sign exist

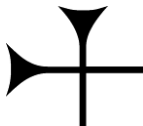
šir<sub>x</sub>

MA-gunû



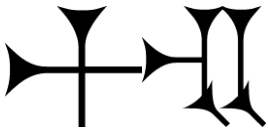
durba; ھاşhur

MAŠ



ba<sub>7</sub>; baš; ma<sub>7</sub>; mas; maś; maš; maša; maş; naš; sa<sub>9</sub>; til<sub>9</sub>; waš; zipaḥ; maš

MAŠ . EN



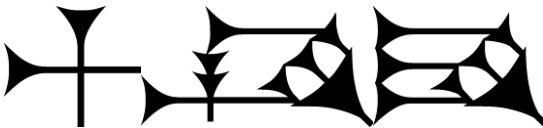
No syllabic value exist

MAŠ . EN . KAK



mášda

MAŠ . GÚ . GÀR



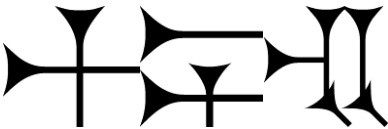
dál; dalla

MAŠ . KAK



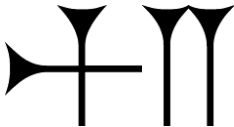
mašda

MAŠ.KAK.EN



màšda

MAŠ.MIN



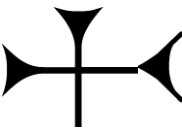
mašmin; sagmin; saĝmin

MAŠ.PA



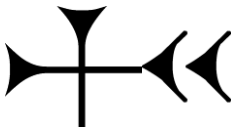
màš

MAŠ.U



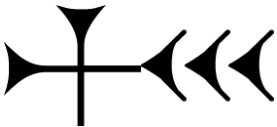
gídim; gíguru

MAŠ .U .U



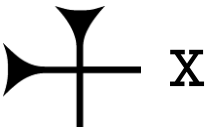
saĝgidim; mašmin; sagman; sagmin; saĝman; saĝmin

MAŠ .U .U .U



saĝeš

MAŠ .X



emaš; eri<sub>x</sub>

MÁŠ



kun<sub>8</sub>; máš; mašaku; maz; máz

MÁ



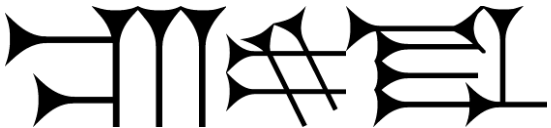
ḫu<sub>x</sub>; má

MÁ.KAK



dellu<sub>x</sub>; dilur<sub>x</sub>; dirgul<sub>x</sub>; targul<sub>x</sub>

MÁ.KASKAL.IGI-gunû



No syllabic value exist

MÁ.KASKAL.IGI-gunû&IGI-gunû

No sign exist

No syllabic value exist

MÁ.MUG



dellu; dergul; dilu; dilur; dimgul; dirgul; durgul; targul

MÁ.IGI-gunû



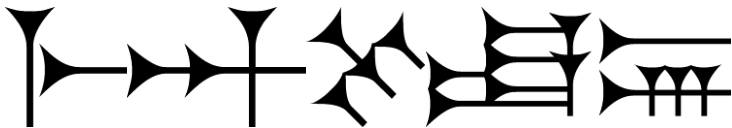
sur<sub>10</sub>; sura<sub>10</sub>; súrru; zùr

ME



ba<sub>13</sub>; deš<sub>4</sub>; diš<sub>4</sub>; ga<sub>x</sub>; gal<sub>x</sub>; ge<sub>x</sub>; isib; išib; ma<sub>6</sub>; me; mén; méš; mì; sep; sib;  
sip; šab<sub>4</sub>; šeb; šep; šib; šip; tuba

ME.AN.ŠE.NAGA



kurku

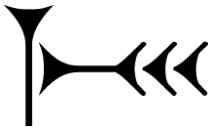


ME.NUN.TAG



gašam<sub>x</sub>

ME.U.U.U



eš<sub>17</sub>; mès; meš; míš; wiš

MES



dub<sub>x</sub>; kišib; mes; mesa; mesi; meš; mès; mez; mis; miš; miš; red; ret; rid;  
rit; riṭ

MES.RU



rig<sub>11</sub>

MI



dúgud; ga<sub>12</sub>; ge<sub>6</sub>; gi<sub>6</sub>; gíg; giggi; gígi; gikki; êe<sub>6</sub>; êi<sub>6</sub>; ku<sub>10</sub>; ku<sub>10</sub>-ku<sub>10</sub>;  
kukku<sub>5</sub>; kuku<sub>5</sub>; mé; mi; muš<sub>9</sub>; muši; mušu; sil<sub>4</sub>; su<sub>x</sub>; şíl; wi<sub>4</sub>

MI.MI



kúkku; kúkkug

MI.NA.AB.U.GUD



šutum<sub>x</sub>

MI.ZA<sub>7</sub>



No syllabic value exist

MIN



men<sub>x</sub>; min; mina; šín; šina

MU



gu<sub>10</sub>; ĝu<sub>10</sub>; i<sub>14</sub>; ia<sub>5</sub>; meḥida; meḥidi; meḥidu; mu; muḥalldim; muḥalldima; suḥ<sub>7</sub>;  
šád; šu<sub>10</sub>; šùm; šumu; tàḥ; tùḥ; wu<sub>4</sub>

MU.BU



mudra<sub>6</sub>; mudru<sub>6</sub>; munzer<sub>x</sub>

MU.ME.U.U.U



šumati; šuwati

MU.UŠ.TÚG.PI



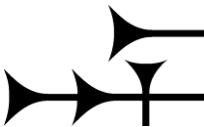
múštu; múštug

MU&MU



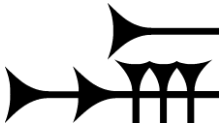
daḥ; taḥ; taḥa; túḥ; ṭaḥ

MUG




buk; gagim; gaggim; gakim; gugim; gukim; guggim; mug; muga; mugu<sub>x</sub>; muk; muq;  
puk; šúk; uttu<sub>4</sub>; wuk

MUG-gunû




uttu<sub>4</sub>; uṭu<sub>4</sub>; zadim

MUNSUB   
munsub; munšub; musub; sub<sub>5</sub>; sùmur; šub<sub>4</sub>




munsub; munšub; musub; sub<sub>5</sub>; sùmur; šub<sub>4</sub>

MÚRGU 




eger<sub>6</sub>; egir<sub>6</sub>; eġir<sub>6</sub>; lum<sub>x</sub>; mur<sub>7</sub>; mur<sub>8</sub>; múrgu

MURUB<sub>4</sub> 

múr; muri; múru; murub<sub>4</sub>



múr; muri; múru; murub<sub>4</sub>

MUŠ 

imdudu; irḥan; mus; muš; muz; neraḥ; niraḥ; saḥan; šáḥan; šer<sub>10</sub>; šeraḥ; šir<sub>10</sub>;  
 šuba<sub>x</sub>; šer; šir; šúr; wuš; uludi; uluki; zèr; zìr



imdudu; irḥan; mus; muš; muz; neraḥ; niraḥ; saḥan; šáḥan; šer<sub>10</sub>; šeraḥ; šir<sub>10</sub>;  
šuba<sub>x</sub>; šer; šir; šúr; wuš; uludi; uluki; zèr; zìr

MUŠ.DIN.ŠE.NUN&NUN.BALAG



irḥan<sub>x</sub>

MUŠ.DIN.BALAG.DAR



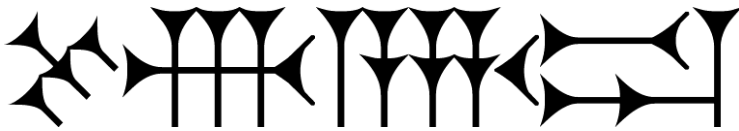
No syllabic value exist

MUŠ.DIN.BALAG



No syllabic value exist

MUŠ.A.ḪA.DU



No syllabic value exist

MUŠ . DU . A . 𒀠



No syllabic value exist

MUŠ . ŠA



šub<sub>x</sub>

MUŠ × A

No sign exist

še<sub>x</sub>

MUŠ × KUR

No sign exist

gir<sub>x</sub>

MUŠ × ZA

**No sign exist**

 $\dot{S}e_x$ 

MUŠ & MUŠ



## No syllabic value exist

$$(\text{MUŠ} \& \text{MUŠ}) \times \text{GA}$$

No sign exist

## No syllabic value exist

$$(\text{MUŠ} \& \text{MUŠ}) \times \text{KAK}$$

No sign exist

## No syllabic value exist



MUŠ%MUŠ



kunigara<sub>4</sub>; muš<sub>x</sub>; múšdama; mušku<sub>x</sub>; re<sub>8</sub>; ri<sub>8</sub>; rin<sub>4</sub>

MUŠ%MUŠ.A.NA



arina; erina<sub>8</sub>; irina

MUŠ&MUŠ.A.NA



arina<sub>x</sub>

MUŠ&MUŠ× (A.NA)



arina<sub>x</sub>

MUŠ%MUŠ×MAŠ

No sign exist

erin<sub>x</sub>

MÙŠ



ennin; ga-ša-an-an-na; inana; inanna; inini; innana; innin; ištar; mím; mùš;  
mušku; nín; ninni<sub>6</sub>; sar<sub>5</sub>; se<sub>27</sub>; sed<sub>6</sub>; sedi<sub>6</sub>; suba<sub>4</sub>; suḥ<sub>10</sub>; suku<sub>6</sub>; sùkud; sukuš;  
sús; susbu<sub>4</sub>; súz; še<sub>23</sub>; šed<sub>12</sub>; šuba<sub>4</sub>; zanaru; zannaru

MÙŠ.AB



sugal<sub>5</sub>; zabala<sub>5</sub>; zabalam<sub>5</sub>

MÙŠ . AB-gunû



sùgal; zàbala; zàbalam

MÙŠ . AB-gunû . ZA



zabala<sub>x</sub>

MÙŠ . BU



sùsbu; sùzbu

MÙŠ . EREN



inšušinak; susan; šušin; šušina; šušinak; šušum

MÙŠ.DI



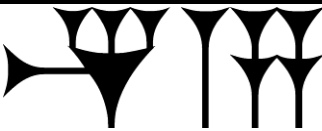
amagi<sub>x</sub>; mabi<sub>x</sub>; se<sub>25</sub>; sed<sub>4</sub>; sedi<sub>4</sub>; še<sub>17</sub>; šed<sub>10</sub>; se<sub>24</sub>; sèd; sèdi; še<sub>12</sub>; šed<sub>9</sub>; ámagi;  
ḫalba<sub>6</sub>; ḫalbi<sub>6</sub>; ḫalbu<sub>6</sub>; mábi; mámmi; se<sub>26</sub>; sed<sub>5</sub>; sedi<sub>5</sub>; še<sub>18</sub>; šed<sub>11</sub>; mabi<sub>x</sub>;  
mammi<sub>x</sub>; amagi; ḫalba; ḫalbi; ḫalbu; mabi; mammi; se<sub>9</sub>; sed; sedi; sid; še<sub>4</sub>;  
šed<sub>7</sub>; ḫalba<sub>x</sub>; ḫalbi<sub>x</sub>; se<sub>x</sub>; sed<sub>x</sub>; še<sub>x</sub>; àmagi; ḫálba; ḫálbi; ḫálbu; màbi; màmmi;  
se<sub>10</sub>; sed<sub>8</sub>; sedi<sub>8</sub>; še<sub>5</sub>; šed<sub>8</sub>; namru; amagi<sub>4</sub>; ḫàlba; ḫàlbi; ḫàlbu

MÙŠ.ŠÉŠ



No syllabic value exist

MÙŠ.ZA



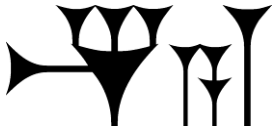
nam-ri; sub<sub>x</sub>; sùba; šùba

MÙŠ . ZA . AB - gunû



sugal<sub>4</sub>; zabala<sub>4</sub>; zabalam<sub>4</sub>

MÙŠ × A



še<sub>x</sub>; šed<sub>x</sub>

MÙŠ × (A . DI)



ḫalba; ḫalbi; ḫalbu; mabi; mammi; se<sub>9</sub>; sed; sedi; sid; še<sub>4</sub>; šed<sub>7</sub>

MÙŠ × DI

No sign exist

amagi<sub>x</sub>; ḫalba<sub>x</sub>; ḫalbi<sub>x</sub>; se<sub>x</sub>; sed<sub>x</sub>; še<sub>x</sub>

MÙŠ-gunû



múš; se<sub>28</sub>; sed<sub>7</sub>; sedi<sub>7</sub>; siḥ<sub>4</sub>; su<sub>10</sub>; suḥ; suku<sub>5</sub>; súkud; sus; súsbu; sušbu; suz;  
súzbu; še<sub>24</sub>; šed<sub>13</sub>; šuḥ; šuk<sub>x</sub>; šusbu; šušinak<sub>x</sub>; tišpak

MÙŠ-gunû.BU



susbu; suzbu

MÙŠ-gunû.SÍK.LAM



šušu<sub>x</sub>

NA



aniku; na; ne<sub>6</sub>; nu<sub>8</sub>

NA.RU



hurim; hurin

NAGA



éreš; ériš; ħílib; naga; naġa; nák; nama; nanga<sub>6</sub>; nídaba; nísaba; tè; teme;  
tu<sub>22</sub>; uga<sub>x</sub>

NAGA×DIŠ

No sign exist

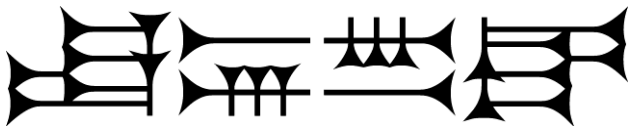
No syllabic value exist

NAGA×ŠU-tenû



tu<sub>23</sub>

NAGA@NAGA



dalḥamun<sub>7</sub>; ḥamun

NAGA-180°



téme; teme<sub>x</sub>

NAGAR



alla; bulug<sub>4</sub>; e<sub>10</sub>; ḥaia; ḥaya; ildum<sub>x</sub>; illa; lamma; nagar; nagara; nimir<sub>x</sub>



NAGAR.BU



ìldu; ìldum; ìlduma; ìldumma

NAGAR.ZA-tenû



tugul; tuhul

NAM-nutillû



buru<sub>5</sub>

NAM



bi<sub>x</sub>; bir<sub>5</sub>; na<sub>7</sub>; nam; pir<sub>6</sub>; si<sub>13</sub>; sim; sín; śím; šam<sub>4</sub>; šèn; ším

NAM. EN



pála

NAM. LUGAL



pala

NAM. SAL. TÚG







pàla

NAM. SU



rúg

NÁM	
nám	
NÁ	
daram <sub>x</sub> ; ná; nàd; ne <sub>7</sub> ; nú; nud; še <sub>x</sub> ; timua <sub>x</sub>	
NÁ.X	 x
ni-ir	
NE.GI	
en <sub>x</sub> ; gibil <sub>6</sub> ; gir <sub>18</sub> ; gîra; girra	

NE



bar<sub>7</sub>; bara<sub>x</sub>; be<sub>7</sub>; bel; bí; bil; bila; bili; bir<sub>9</sub>; dè; di<sub>7</sub>; didal<sub>x</sub>; du<sub>17</sub>; ge<sub>9</sub>;  
gi<sub>9</sub>; gibil<sub>4</sub>; gir<sub>10</sub>; gùm; ibbi<sub>x</sub>; izi; izu; ku<sub>16</sub>; kum<sub>2</sub>; kun<sub>9</sub>; lám; láma; le<sub>9</sub>;  
lem<sub>4</sub>; li<sub>9</sub>; lim<sub>4</sub>; ne; ni<sub>5</sub>; nun<sub>x</sub>; pe<sub>5</sub>; pel; pi<sub>5</sub>; pil; qúm; šar<sub>x</sub>; še<sub>6</sub>; šeg<sub>6</sub>; šegê<sub>6</sub>;  
šem<sub>x</sub>; şah; šéh; te<sub>4</sub>; ti<sub>9</sub>; tèt; ṭi<sub>5</sub>; zah; zi<sub>x</sub>

NE.RU



érim; érima; erin<sub>7</sub>; ne-ru; rìm; rúm

NE.SI.A



dub<sub>x</sub>; gánzer; gánzir; ùdub



NE.SI-gunû



lisi; lisi<sub>n</sub>

NE×A



enten; entena; eš<sub>13</sub>

NE×UD



émeš; eš<sub>12</sub>

NE-šeššig



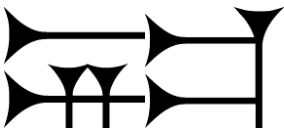
bél; bi<sub>5</sub>; bíl; ge<sub>10</sub>; gi<sub>10</sub>; gibil; gibila; ne<sub>8</sub>; pél; pí<sub>l</sub>

NI



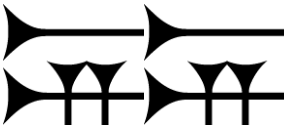
šamnu; ˆa<sub>5</sub>; bè; bu<sub>16</sub>; de<sub>x</sub>; dig; digi; dik; diq; gamar; gub<sub>4</sub>; gur<sub>13</sub>; ھا<sub>x</sub>; ì; ìa;  
ili<sub>x</sub>; lé; lí; lib<sub>x</sub>; líd; mu<sub>5</sub>; né; ni; sàl; sàr; súl; súš; šàl; šar<sub>8</sub>; šal; tík;  
tíq; u<sub>x</sub>; yà; zagga; zaĝa; zal; zala; zalli; zanga; zár

NI.GIŠ



par<sub>4</sub>; para<sub>4</sub>

NI.NI



ilī

NI.LU



lib<sub>x</sub>

NI.TUK



delmun; dilmun; dilmuna; telmun; tilmun

NI.UD



abnu; atum<sub>x</sub>; bar<sub>4</sub>; dàg; dàk; dàq; i<sub>4</sub>; ia<sub>4</sub>; na<sub>4</sub>; tàk; tàq; ya<sub>4</sub>; zá

NI.UD.EN



enna

NI.UD.IM



enaqa

NI.UD.KI



atum

NI×E



No sign exist

NIGIDAEŠ



nigidaes; nies

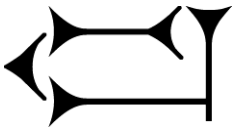


NIGIDAMIN



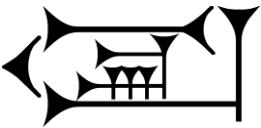
nìgidamin; nìmin

NIM



alama<sub>x</sub>; dèḥ; dèḥi; diḥ; diḥi; elam; elama; elamu; énim; nàm; nem; ni<sub>7</sub>; nim;  
nima; nù; num; rùm; tèḥe; tèḥi; tu<sub>8</sub>; tum<sub>4</sub>; tumu<sub>4</sub>

NIM×GÁN-tenû



ku<sub>x</sub>; tu<sub>25</sub>; tùm; tùmu

NIM× (GAR.GÁN-tenû)



kir<sub>7</sub>; tum<sub>11</sub>



# II

# II

416



NÍNDA×BAL



gur<sub>x</sub>

NÍNDA×DIM-gunû

No sign exist

No syllabic value exist

NÍNDA×DUB



bariga<sub>x</sub>

NÍNDA×GIŠ

No sign exist

No syllabic value exist

NÍNDA×GUD



indagara; indagra

NÍNDA×GUL

No sign exist

No syllabic value exist

NÍNDA×HI

No sign exist

No syllabic value exist

NÍNDA×KÉŠ

No sign exist

No syllabic value exist

NÍNDA×LAK050

No sign exist

No syllabic value exist

NÍNDA×MAŠ

No sign exist

No syllabic value exist

NÍNDA× (ME.GÁN-tenû)



nindamekar

NÍNDA×NE



ág; ága; áê; áka; ám; èg; èê; èm; ìg; ìê; ìm; ram; rama; ug<sub>x</sub>

NÍNDA×NUMUN

No sign exist

ninda<sub>x</sub>

NÍNDA×NUN



azu; úšbar; úšbur; úzu

NÍNDA× (PAP.PAP)

No sign exist

No syllabic value exist

NÍNDA×ŠE



ag<sub>x</sub>; sa<sub>10</sub>; sám; šám

NÍNDA×ŠE.A



sa<sub>x</sub>; sam<sub>x</sub>; šam<sub>x</sub>

NÍNDA× (ŠE.A)



sa<sub>x</sub>; sam<sub>x</sub>; šam<sub>x</sub>

NÍNDA×ŠE.A.AN



sa<sub>x</sub>; sam<sub>x</sub>; šam<sub>x</sub>

NÍNDA× (ŠE.A) .AN



sa<sub>x</sub>; sam<sub>x</sub>; šam<sub>x</sub>

NÍNDA× (ŠE.A.AN)



sa<sub>x</sub>; sam<sub>x</sub>; šam<sub>x</sub>

NÍNDA× (ŠE.AŠ)



sa<sub>x</sub>

NÍNDA× (ŠE.AŠ.AŠ)



sa<sub>x</sub>

NÍNDA× ŠID



No syllabic value exist



NÍNDA×U



No syllabic value exist

NÍNDA× (U . U)



No syllabic value exist

NÍNDA×Ú



No syllabic value exist

NÍNDA× (Ú . AŠ)



muru<sub>11</sub>; murum<sub>11</sub>; ubudil; ubudili; ugudil; ugudili; ur<sub>7</sub>; uru<sub>6</sub>; urum; ušbar<sub>6</sub>;  
ušbur<sub>6</sub>

NÍNDA×URUDA

No sign exist

No syllabic value exist

NÍNDA×UŠ



súḥuš

NISAG



nesag; nesaĝ; nisag; nisaĝ; sa<sub>x</sub>; sag<sub>5</sub>; saĝ<sub>5</sub>; za<sub>x</sub>; zàg; zàĝ

NÍ



ní; me<sub>10</sub>

NU



là; nu; sar<sub>x</sub>; sir<sub>5</sub>; sur<sub>x</sub>; šir<sub>5</sub>; úl

NUN



ab<sub>x</sub>; agargara<sub>x</sub>; dab<sub>x</sub>; daba<sub>x</sub>; erida; eridu; eridug; eriduga; gar<sub>6</sub>; gara<sub>6</sub>; li<sub>11</sub>;  
nu<sub>6</sub>; nuĝ<sub>x</sub>; nun; nuna; nunun; rab<sub>x</sub>; síl; šil; za<sub>4</sub>; zal<sub>x</sub>; zel; zil

NUN.LAGAR



immal<sub>x</sub>; mal<sub>x</sub>; surum; šilam<sub>x</sub>; šurum<sub>x</sub>; tūr

NUN.LAGAR×GAR



gaga<sub>x</sub>; galga<sub>x</sub>; ĝalga<sub>x</sub>

NUN.LAGAR×MAŠ



àrḥuš; immal; šálam; šállam; šílam; šállam; uš<sub>6</sub>

NUN.LAGAR×NUN.LAGAR

No sign exist

No syllabic value exist

NUN.LAGAR×SAL



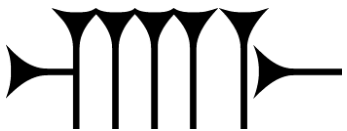
árḥus; árḥuš; ímmal; šallam; šila<sub>x</sub>; šilam; uš<sub>5</sub>; àrḥuš; immal; šálam; šállam;  
šílam; uš<sub>6</sub>

NUN.LAGAR×UŠ



No syllabic value exist

NUN . ME



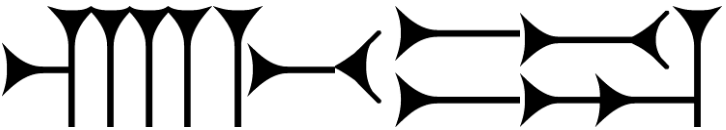
abgal; ábgal; abgal<sub>x</sub>

NUN . ME . DU



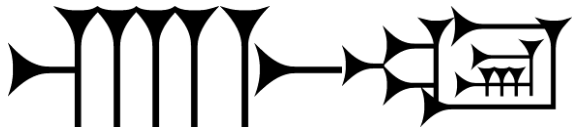
abrig; ábrig; á<sup>b</sup>abrig

NUN . ME . ÁB . DU



No syllabic value exist

NUN . ME . KA×GÁN-tenû



No syllabic value exist

NUN . ME . KA×ME



No syllabic value exist

NUN . ME . TAG



gašam; gaššu

NUN . ME . TAG . GA



No syllabic value exist

NUN . ŠE



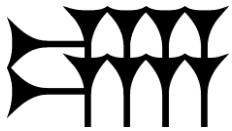
kiš<sub>i</sub><sub>12</sub>

NUN.ŠE.LAL



saman<sub>x</sub>

NUN&NUN



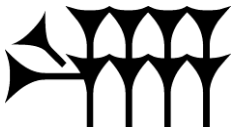
nàr; nara<sub>x</sub>; nener<sub>x</sub>; ner; ninir; nir; nira; nur; ri<sub>5</sub>; šer<sub>7</sub>; tir<sub>x</sub>

(NUN.LAGAR×SAL) &  
(NUN.LAGAR×SAL)



akar<sub>x</sub>

NUN%NUN



adamen<sub>4</sub>; adamin<sub>4</sub>; eribura; iribura; liri<sub>6</sub>; liru<sub>6</sub>; lirim<sub>6</sub>; šèd; šeššed; šìd;  
urgilim

NUN%NUN.LAGAR&LAGAR



akar; éga

NUNUZ



nunu; nunus; nunuz; nus; nuz; pel<sub>5</sub>; sug<sub>9</sub>

NUNUZ.ÁB



nisagga

NUNUZ.ÁB×AŠGAB



saman<sub>5</sub>; šakan<sub>5</sub>; ùsan; ùsan-sur<sub>5</sub>; usandu<sub>x</sub>; usansuru<sub>x</sub>; usun; uzun<sub>x</sub>



NUNUZ.ÁB×BI



ḥara<sub>x</sub>; ḥubur; mùd; píḥu

NUNUZ.ÁB×DUG



laḥtan<sub>5</sub>

NUNUZ.ÁB× (BÚLUG.GÚG)

No sign exist

No syllabic value exist

NUNUZ.ÁB× (GÚG.BÚLUG)

No sign exist

No syllabic value exist

NUNUZ .ÁB×GUD



usag<sub>x</sub>; usan<sub>x</sub>

NUNUZ .ÁB×KÀD



mud<sub>8</sub>

NUNUZ .ÁB×LA



laḥta<sub>x</sub>; laḥtan; mud<sub>x</sub>; usag<sub>x</sub>

NUNUZ .ÁB×NE



laḥtan<sub>4</sub>

NUNUZ.ÁB×IGI-gunû



piḥu<sub>6</sub>

NUNUZ.ÁB×(LÙ.PAP.PAP)

No sign exist

No syllabic value exist

NUNUZ.ÁB×SÌLA



lāḥtan

NUNUZ.ÁB×Ú

No sign exist

ḥarub<sub>x</sub>

NUNUZ.ÁB×X



hubur<sub>x</sub>; mud<sub>x</sub>

NUNUZ.DÍM



nìgi

NUNUZ.KISIM<sub>5</sub>



nisaga

NUNUZ.KISIM<sub>5</sub>×BI



hara<sub>x</sub>

NUNUZ.KISIM<sub>5</sub>×BI.U



làḥtan

NUNUZ.KISIM<sub>5</sub>× (LÛ.PAP.PAP)

No sign exist

No syllabic value exist

NUN-tenû



agargara; nappilu; gar<sub>x</sub>

NUN-tenû.KI



gur<sub>19</sub>; guru<sub>19</sub>; gurud; kur<sub>11</sub>; kuru<sub>11</sub>; kurud; kuruda; nunpe; zilpe; guruda; nunpe<sub>x</sub>

NUN-tenû.ŠE



No syllabic value exist

NU<sub>11</sub>



dur<sub>i</sub>; enšab; ġešnu<sub>x</sub>; gešnu; ġišnu; nu<sub>11</sub>; num<sub>x</sub>; nur<sub>x</sub>; pil<sub>6</sub>; sakar<sub>x</sub>; sud<sub>x</sub>

NU<sub>11</sub>.BUR



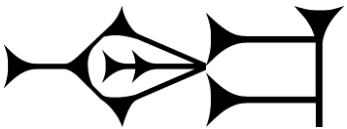
bur<sub>4</sub>; buru<sub>4</sub>; gas<sub>x</sub>; uga<sub>x</sub>

NU<sub>11</sub>.BUR.LA



lagas; lagasa; lagaš; lagaša

NU<sub>11</sub>.GIŠ



ĝešnu; ĝišnu

NU<sub>11</sub>.IR



buru<sub>15</sub>; géšnu; ĝešnu; gíšnu; ĝišnu; sirru

NU<sub>11</sub>&NU<sub>11</sub>.BUR&BUR

No sign exist

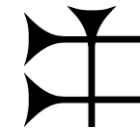
numma

NU<sub>11</sub>-90°



No syllabic value exist

PA



addir<sub>x</sub>; àri; aru; bá; dur<sub>6</sub>; duru<sub>6</sub>; endur; geštara; gidar; gidir<sub>x</sub>; gidri;  
gidru; gišturu; ġedar; ġedru; ġešturu; ġidri; ġidru; ħad; ħàniš; ħás; ħáš;  
ĥat; ĥata; ĥaṭ; ĥáz; ĥendur; ĥud; kum<sub>x</sub>; kún; lar; lu<sub>9</sub>; lúg; lúġ; lun; maš<sub>4</sub>;  
midra; mu<sub>6</sub>; mua; muati; muatu; mudru; munsub<sub>x</sub>; muwa; muwati; muya; muyati;  
pa; sàg; sàk; sèg; si<sub>29</sub>; sìg; sígga; siqqa<sub>x</sub>; súllat; šàg; šúllat; u<sub>x</sub>; ugula;  
ugulu; zág; zák; záq

PA.AL



šabra; šapra

PA.AN



billuda; billudu; biluda; garza; garzu; ġarza; ġarzu; kuš<sub>4</sub>



PA.DAG.KISIM<sub>5</sub>×GUD



udul<sub>11</sub>; utul<sub>11</sub>

PA.DAG.KISIM<sub>5</sub>×KAK



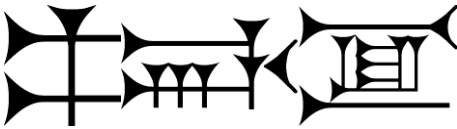
gabar; kabar; kapar; nagada; rig<sub>10</sub>; ririg; udul<sub>9</sub>; utul<sub>9</sub>

PA.DAG.KISIM<sub>5</sub>× (LU.MÁŠ)

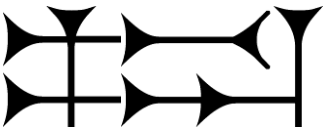
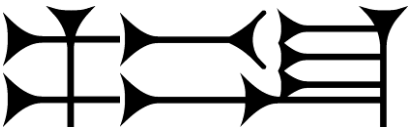
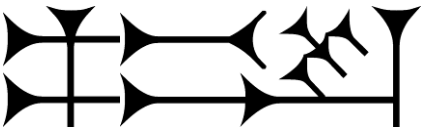



udul<sub>4</sub>; utul<sub>4</sub>; udul<sub>x</sub>

PA.DAG.KISIM<sub>5</sub>×LU



No syllabic value exist

PA.DU	
màškim	
PA.DU-gunû	
máškim	
PA.DU-šeššig	
barim; máškim; parim	
PA.DÙN	
ḫursag; ḫursaĝ	

PA.É



šábra; šápra

PA.EL.BU-gunû



sug<sub>x</sub>

PA.GÁ







luga; luğa

PA.GAN



ság; seg<sub>11</sub>; sig<sub>11</sub>; siki<sub>x</sub>

PA.GI	
	zig <sub>x</sub>
PA.GISAL.SI.A	
	addir <sub>x</sub>
PA.GISAL.SI.A.PAD	
	addir <sub>x</sub>
PA.GÚ-gunû	
	munsub <sub>x</sub>

PA.ĤÚB	𐎧𐎡𐎢𐎠	rig <sub>8</sub>
PA.ĤÚB.DU	𐎧𐎡𐎢𐎠𐎤𐎥	rig <sub>7</sub>
PA.IB	𐎧𐎡𐎢	ḥamanzer; sab; sap; sip <sub>4</sub> ; sípa; šab; šaba; šap; šib; šip; šùb; šùp
PA.KAK	𐎧𐎡𐎦	ḥutpu; ḥudbu

PA.LU



re<sup>3</sup>u; núska; núsku; núška; núšku; re<sup>3</sup>e; re<sup>3</sup>i; sàp; síb; siba; sibad; síp;  
sipa; sipad; šab<sub>5</sub>; šap<sub>5</sub>; zìp

PA.LUGAL



gárza; girza; ĝárza

PA.LU.TA



No syllabic value exist

PA.ME.U.U.U



ari<sub>5</sub>

PA . NUN . LAGAR

III

$$\text{udul}_x$$

PA.SU

主 旨

tertu

PA. ŠA<sub>6</sub>

# THE

érída; erim<sub>x</sub>; gangud; šanga<sub>7</sub>; tidim<sub>x</sub>

PA. ŠE

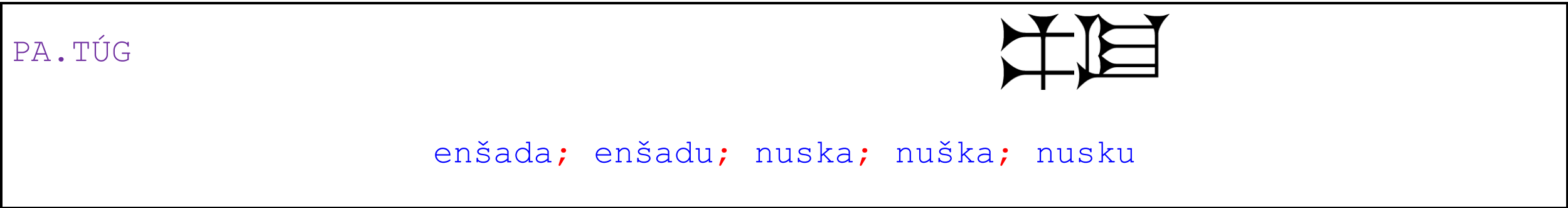
isin; išin

PA.TAR	𒀭𒌶
	gug <sub>x</sub>
PA.TE	𒀭𒌶𒌵
	en <sub>5</sub> ; nin <sub>x</sub>
PA.TE.SI	𒀭𒌶𒌵𒌶
	ensag; énsi; ensik
PA.TE.SI.GAR	𒀭𒌶𒌵𒌶𒄣
	ensi <sub>x</sub>



PA.TÚG

enšada; enšadu; nuska; nuška; nusku




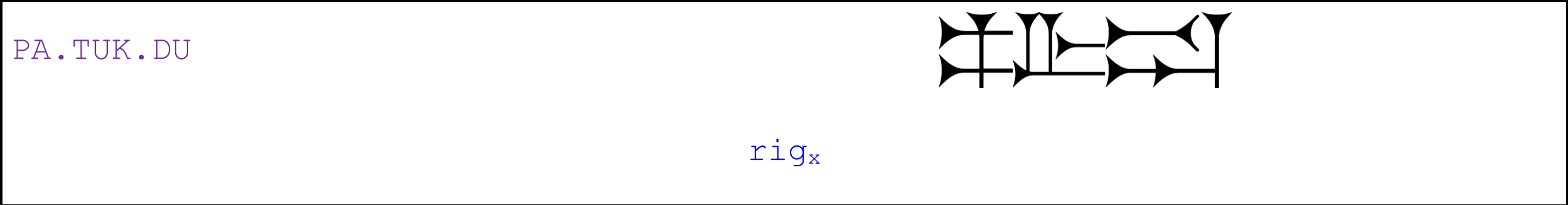
PA.TÚG

enšada; enšadu; nuska; nuška; nusku

PA.TUK.DU


rig<sub>x</sub>





PA.TUK.DU

rig<sub>x</sub>



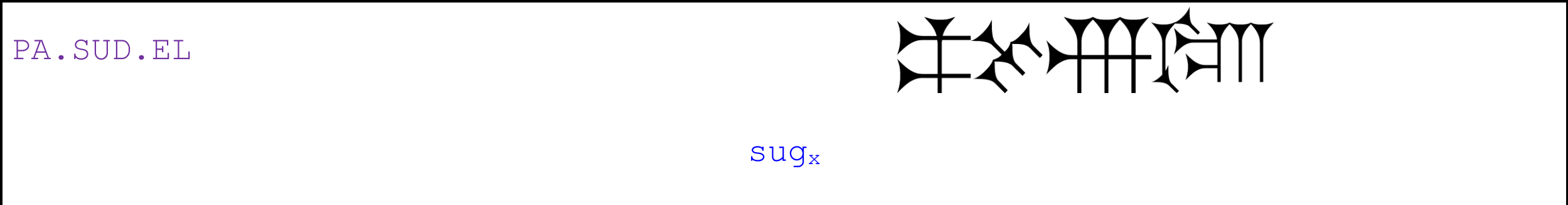
PA.LAGAB× (GUD.GUD)  muiati<sub>x</sub>



PA.LAGAB× (GUD.GUD)  muiati<sub>x</sub>

PA.SUD.EL

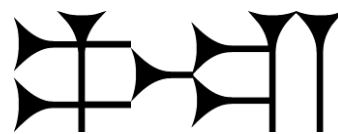
sug<sub>x</sub>



PA.SUD.EL

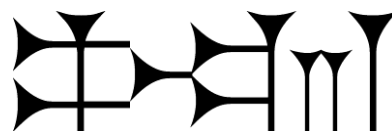
sug<sub>x</sub>

PA.URU



No syllabic value exist

PA.URU×MIN



sulili<sub>x</sub>; zilili<sub>x</sub>; zilulu

PA.UZU



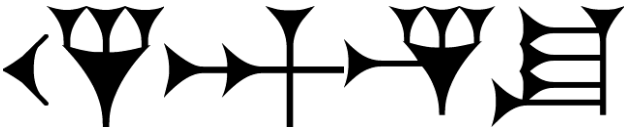
dud; duda; dudu<sub>x</sub>; dunda; túd; tudu; tunda

PAD



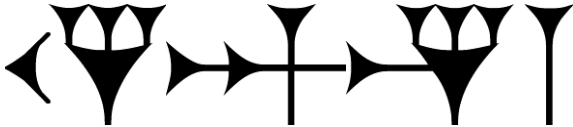
bád; bát; bu<sub>15</sub>; kur<sub>6</sub>; kurum<sub>6</sub>; kurumma<sub>x</sub>; pa<sub>x</sub>; pad; pada; pat; pata; paṭ; šug;  
šuk; šuku; šùkun; šúkur; šuq; šutug; šutug<sub>x</sub>

PAD.AN.MÚŠ



nindaba<sub>x</sub>

PAD.AN.MÙŠ



nidba; nindaba; ninni<sub>7</sub>; ninnim<sub>7</sub>

PAD.DUG.GIŠ.SI



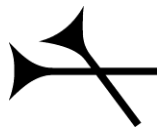
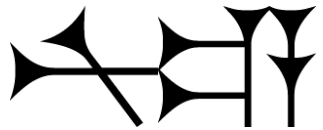


addir<sub>x</sub>

PAD.MÙŠ



nídba; nindaba<sub>x</sub>; ninni<sub>x</sub>; ninnim<sub>x</sub>

PAD.UD	
No syllabic value exist	
PAN	
ba <sub>10</sub> ; ban; bana; pan; pana; tir <sub>5</sub>	
PAP	
àḥa; ba <sub>14</sub> ; bab; bap; gur <sub>12</sub> ; kúr; kúru; pa <sub>4</sub> ; pab; pap; qur <sub>4</sub>	
PAP.E	
pa <sub>5</sub> ; pad <sub>5</sub>	

子

# THE

$$\text{pa}_6; \text{pad}_6$$

# Index

sub<sub>x</sub>; zu<sub>8</sub>



aman; bu<sub>10</sub>; bùlug; bùluĝ; bulun<sub>x</sub>; bur<sub>13</sub>; dim<sub>4</sub>; munu<sub>4</sub>; pur<sub>13</sub>



(PAP.PAP) -tenû

No sign exist

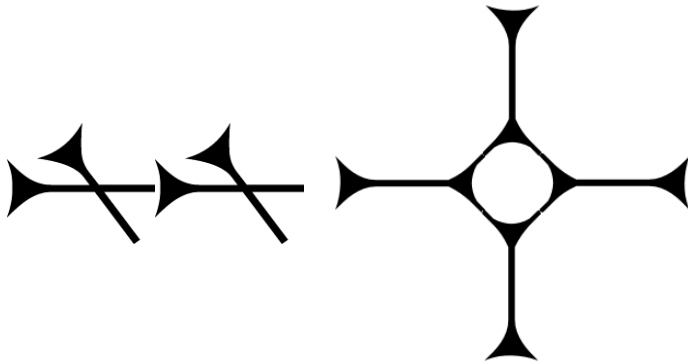
No syllabic value exist

PAP.PAP×ŠE



munu<sub>x</sub>

PAP.PAP.4×IDIM



šušru; šuššub

PAP.PAP.LÙ



## No syllabic value exist

PAP.PAP.ŠE



## No syllabic value exist

PAP.IGI-gunû



isima; isimu; isimud; pap-úgur

PAP.IGI-gunû.NUN.ME


$$\text{isimu}_4; \text{isimud}_4$$

PAP.ŠAG



No syllabic value exist

PAP.ŠE.PAP



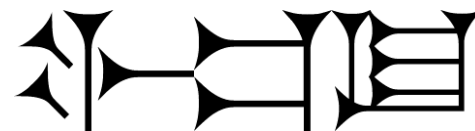
munu<sub>5</sub>

PÉŠ



gilili; gílim; gilin; ka<sub>6</sub>; kilim; kilin; kiš<sub>5</sub>; kiši<sub>5</sub>; kíšib; kuš<sub>10</sub>; nika; péš;  
píš

PI.GIŠ.TÚG



ġeštu<sub>x</sub>



PI×A



wa<sub>4</sub>

PI











à; am<sub>7</sub>; aw; ba<sub>x</sub>; be<sub>6</sub>; bì; bu<sub>x</sub>; da<sub>x</sub>; e<sub>x</sub>; ew; geltan; gešdu; geštu; geštug;  
geštunu<sub>x</sub>; gišdu; gištu; gištug; gištunu<sub>x</sub>; ĝestug; ĝešdu; ĝeštu; ĝeštug;  
ĝistug; ĝišdu; ĝištu; ĝištug; i<sub>16</sub>; ia<sub>8</sub>; íu; iw; ma<sub>9</sub>; me<sub>8</sub>; meštunu<sub>x</sub>; mi<sub>5</sub>;  
mištunu<sub>x</sub>; muštu; muštug; neda; pa<sub>12</sub>; pe; pi; ta<sub>7</sub>; tál; tála; til<sub>7</sub>; u<sub>17</sub>; uštu;  
uštug; uw; wa; we; wi; wu; ya; ye; yi; yu

PI×AB



No syllabic value exist

PI×BI	
No syllabic value exist	
PI×BU	
No syllabic value exist	
PI×E	
wé	
PI×I	
wí	

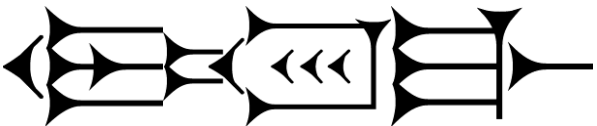
PI×IB	
No syllabic value exist	
PI×U	 wú
PI×Ú	 wù
PI%PI	 taltal

PIRIG



nè; nemur<sub>x</sub>; nisku; niskum; pil<sub>7</sub>; pirig; piriga; piriĝ; piriĝa; úg; úĝ

PIRIG.AB-gunû.GAL



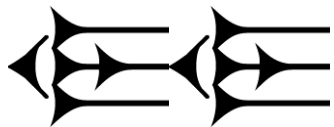
nergal; nerigal

PIRIG.KIŠ



tidnum

PIRIG.PIRIG



didanu; didanum; didnu; didnum; tidanu; tidanum; tidnim; tidnu

nemur<sub>x</sub>; nimur<sub>x</sub>



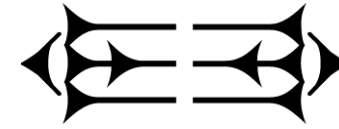
nib

pîrig; pîriĝ; u<sub>21</sub>; ud<sub>x</sub>; ug; uk; uku<sub>4</sub>; uq



as; asa; aş; az; aza; ug<sub>x</sub>; uS<sub>4</sub>; uŞ<sub>4</sub>; uZ<sub>4</sub>

PIRIG@PIRIG



tidnum




RA

ra; ráḥ

𐎠𐎢𐏁

ra; ráh



RA . RA



kútu

kútu


# THE

RAB

rab; raba; rap

rab; raba; rap

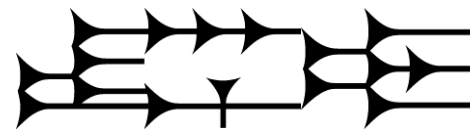


RAB.GAL   
 gúšur; ġúšur; ur<sub>13</sub>

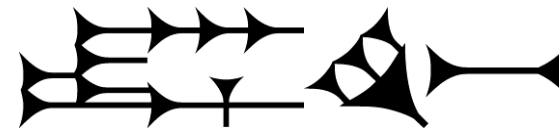
gúšur; ġúšur; ur<sub>13</sub>

# INDEX

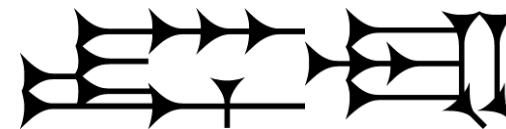
RAB . GAN

 $\dim_8$ 

RAB.  $\text{HI} \times \text{BAD}$

 $\text{dim}_{10}$ 

RAB . MAH



ĝuŝur<sub>x</sub>

RAB.TUR.TUR

 $\hat{g}u\check{s}ur_x$



RI



bag<sub>x</sub>; bak<sub>x</sub>; dal; dala; de<sub>5</sub>; deg<sub>x</sub>; di<sub>5</sub>; eš<sub>11</sub>; ħu<sub>x</sub>; re; ri; rig<sub>5</sub>; ša<sub>7</sub>; tal; tala;  
ṭal

RU



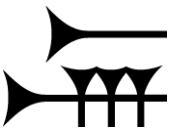
gešba; gešbu; gešpa; gešpu; ġešba; ġešbu; ġešpa; ġešpu; ilar; illar; illulu;  
illur; illuru; ru; sub<sub>7</sub>; šíb; šu<sub>x</sub>; šub; šuba<sub>5</sub>; šup

RU.NE



rim<sub>x</sub>

SA



gìd; sa; śa; ša<sub>10</sub>

SA.ĦI×ŠE.KAK



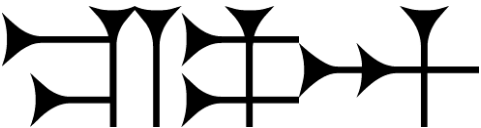
ellandu

SAG



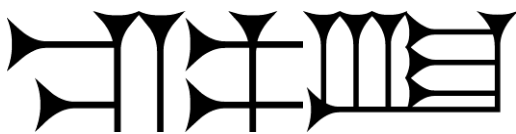
rēšu; dul<sub>7</sub>; dunga; res; reš; ris; riš; sa<sub>12</sub>; sag; saga; saggar; saĝĝar; saĝ;  
saĝa; sak; sam<sub>x</sub>; san; saq; sur<sub>14</sub>; ša<sub>24</sub>; šag; šak; šaq; šeg<sub>x</sub>; zùg

SAG.AN



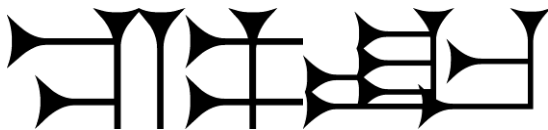
tirigi

SAG.DÙN



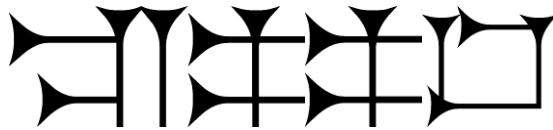
šasuk

SAG.EZEN



durme

SAG.PA.LAGAB



zarah

SAG.SAL



éru; érum

$$kab_x$$

THE


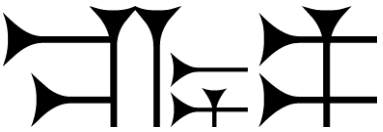
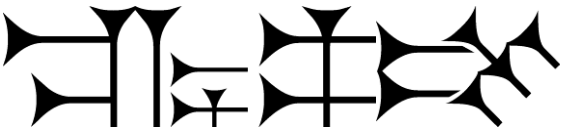
muhhu; saggdu; sagdu

# THE

## No syllabic value exist

**No sign exist**

uru<sub>10</sub>; ùrum

SAG×EN	No sign exist
SAG×HA	 hulum <sub>x</sub>
SAG×KAK	 muḥḥu; múḥ
SAG×KAK . GABA	 No syllabic value exist

SAG×KUR

## No sign exist

## No syllabic value exist

SAG×LUM



muħħu; ħúlum

SAG×MI





kàn; kàna; gana<sub>x</sub>; kan<sub>5</sub>; kana<sub>5</sub>

SAG×NUN



dilib<sub>4</sub>



SAG×SAL	 <p>dilib<sub>6</sub>; eru; erum</p>
SAG×ŠE At Left	<p>No sign exist</p> <p>No syllabic value exist</p>
SAG×ŠID	 <p>dilib</p>
SAG×TAB	<p>No sign exist</p> <p>No syllabic value exist</p>

王 王 王

dilib

No sign exist

## No syllabic value exist

SAG×TAK <sub>4</sub>	No sign exist
SAG×U	No sign exist
SAG×Ú	 usag; ùsug; ùzug; zùg
SAG×UB	 mùh



SAG  $\times$  UM

# THE

lib<sub>5</sub>

SAG×UR

三

gúd; gùda; gúdu

SAG × UŠ

# Free

dilib<sub>5</sub>

SAG&amp;SAG



sagmin<sub>x</sub>; saĝmin<sub>x</sub>

SAG-gunû



muḫḫu; ṣalmu; dil<sub>x</sub>; dūl; kúš; kušu<sub>4</sub>; muḫ<sub>4</sub>; sumur; sūr; sūr; šūr; ugu<sub>5</sub>

SAG-gunû×ḪA

No sign exist

No syllabic value exist

SAG-nutillû



keš<sub>4</sub>; keše<sub>4</sub>; kiši<sub>4</sub>

SAG-nutillû-gunû

No sign exist

ugu<sub>x</sub>

SAL



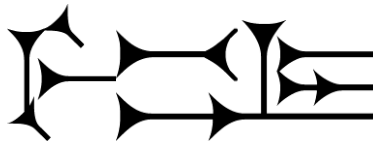
gal<sub>4</sub>; gambi<sub>x</sub>; ĝal<sub>4</sub>; kal<sub>4</sub>; lagar<sub>x</sub>; mám; mán; me<sub>x</sub>; mem; mí; mim; mín; mu<sub>10</sub>; múg;  
muk; mùk; munus; munuz; murub; nunus<sub>x</sub>; rag; rak; raq; sal; sala; ša<sub>12</sub>; šal;  
šel<sub>4</sub>

SAL.AL



eme<sub>7</sub>; sùkkal

SAL.ANŠE



ème

SAL.ARAD.DAM

# FINEN

nitadam<sub>x</sub>; murub<sub>x</sub>

SAL.ÁŠ.GÀR

FEU

áš-gàr

SAL.BAR

rak

SAL.EN

FH

eme<sub>x</sub>

SAL.ÉŠ	𒂍𒍪	ége; èger; égi; ègir; nin <sub>x</sub>
SAL.GÁ×PA	𒂍𒄠𒍪	kir <sub>11</sub> ; mir <sub>x</sub>
SAL.ĦÚB	𒂍𒄠𒍪	eme <sub>5</sub> ; emerah; lagàr; súkkal
SAL.KU	𒂍𒍪	e <sub>13</sub> ; nen <sub>9</sub> ; nin <sub>9</sub>

SAL.KUR

amat; amtu; ge<sub>12</sub>; gèm; géme; gi<sub>12</sub>; gìm; gin<sub>5</sub>

SAL.KÚŠU

# FI

kuš<sub>x</sub>; kušu<sub>x</sub>; kuya<sub>x</sub>

SAL.LA

FBI

gal<sub>4</sub>-la; gála; gálla; kála

SAL.LAGAB

FD

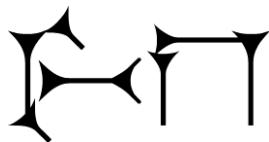
emezi<sub>x</sub>; murub<sub>x</sub>

SAL.LAGAB×ÁŠ



gárig; gazum; rig<sub>6</sub>; zúm

SAL.LAGAR



emeš; emezi; ezi<sub>x</sub>; garim<sub>x</sub>; garin<sub>x</sub>; múrub; umaḥ<sub>x</sub>; usuḥ

SAL.MA



màm; mim<sub>4</sub>; mim-ma

SAL.ME



lágar; lukur

SAL.SÍK



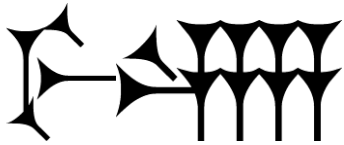
nin<sub>10</sub>

SAL.TAB.KUN



megida<sub>x</sub>

SAL.TAK<sub>4</sub>



kid<sub>8</sub>

SAL.TÚG



e<sub>5</sub>; ereš; eriš; in<sub>5</sub>; min<sub>4</sub>; nen; ni<sub>4</sub>; ním; nin; nìna



三三三三

nenkum; ninkum

# III

dilmun<sub>x</sub>



erib<sub>x</sub>

THE

$\text{muru}_5$ ;  $\text{murm}_5$

SAL.UR

FIL

nig; niĝ; nik; niq

nig; niĝ; nik; niq

SAL.UŠ

𐎲𐎠𐏀𐎧𐎺𐎡𐏁

gidlam<sub>4</sub>; gitlam<sub>4</sub>; ĝidlam<sub>4</sub>; nidalam<sub>4</sub>; nidlām<sub>4</sub>; nìntah; nìta; nìtah; nitadam<sub>4</sub>;  
nitalam<sub>4</sub>; nitlam<sub>4</sub>

gidlam<sub>4</sub>; gitlam<sub>4</sub>; ġidlam<sub>4</sub>; nidalam<sub>4</sub>; nidlam<sub>4</sub>; nìntaħ; nìta; nìtaħ; nitadam<sub>4</sub>;  
nitalam<sub>4</sub>; nitlam<sub>4</sub>

SAL.UŠ.DAM

𒊩𒌆𒍪

gidlam; gitlam; ġidlam; ġitlam; mada; mudna<sub>x</sub>; murub<sub>5</sub>; nidalam; nidlam;  
nitadam; nitalam; nitlam

gidlam; gitlam; ġidlam; ġitlam; mada; mudna<sub>x</sub>; murub<sub>5</sub>; nidalam; nidlam;  
nitadam; nitalam; nitlam

SAL.UŠ.DI

F F E I F

gambi; gammu; gamu; munussa; mussa

gambi; gammu; gamu; munussa; mussa

SAL.UŠ.DI.KID



No syllabic value exist

SAL.UŠ.KID



No syllabic value exist

SAR



kiri<sub>6</sub>; ma<sub>4</sub>; mú; mud<sub>6</sub>; nisa<sub>x</sub>; nisi; nisig; nissa; niša; sáḥar; sakar; sar;  
sara; sari<sub>x</sub>; se<sub>15</sub>; si<sub>15</sub>; sig<sub>x</sub>; šar; ša<sub>8</sub>; šakar; šar; šara<sub>7</sub>; šer<sub>9</sub>; šir<sub>9</sub>

SAR.SAR



sarsa

SÁNGA

No sign exist

sáĝa; sánga; saĝa<sub>7</sub>; saĝĝa<sub>7</sub>; sanga<sub>7</sub>; saĝa<sub>6</sub>; sagga<sub>6</sub>; sanga<sub>6</sub>; sangu<sub>6</sub>; saĝa<sub>x</sub>;  
sanga<sub>x</sub>; saĝa<sub>5</sub>; sagga<sub>5</sub>; sanga<sub>5</sub>; sangu<sub>5</sub>; saĝa<sub>4</sub>; sagga<sub>4</sub>; sanga<sub>4</sub>; sangu<sub>4</sub>; ságga;  
sáĝĝa; sánĝu; sàĝa; sàgga; sànga; sàngu

SAR×ŠE

No sign exist

No syllabic value exist

SI



ḥu<sub>x</sub>; se; seg<sub>9</sub>; si; sig<sub>9</sub>; še; ší; šé; ší; şì

SI.A



dir; diri; dirig; du<sub>26</sub>; mál; nindar; sa<sub>5</sub>; si<sub>x</sub>; ter<sub>4</sub>; ɫer; tir<sub>4</sub>; ɫir; uš<sub>15</sub>; ušub

SI . A . BÚR



sabu

SI.GUD



## No syllabic value exist

SI.GIŠ.PAD.DUG



addir<sub>x</sub>

SI.GUD.AŠ



## No syllabic value exist

SI . GUD×AŠ

No sign exist

## No syllabic value exist

SI  $\times$  TAK<sub>4</sub>

No sign exist

giri<sub>x</sub>

SIG

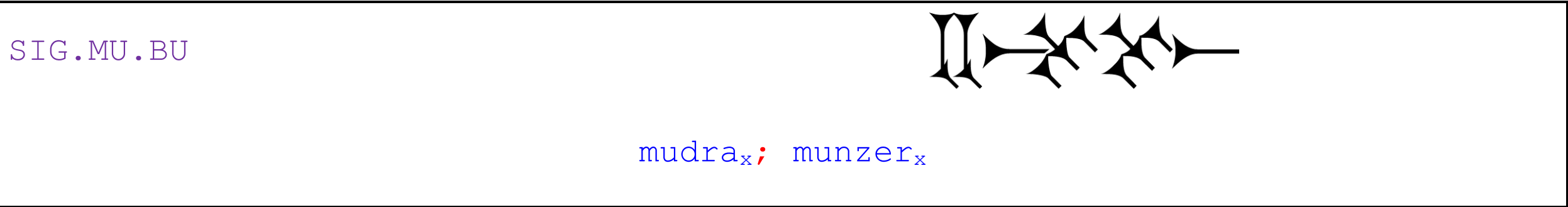


bek; big; bik; epig; ipig; pik; piq; se<sub>11</sub>; seg; sek; si<sub>11</sub>; sig; siga; sik;  
siq; sé; sì; šag<sub>6</sub>; šak<sub>6</sub>; še<sub>x</sub>; šeg; šek; šì; šig; šik; šiq; zíg; zík; zíq

SIG.MU.BU

mudra<sub>x</sub>; munzer<sub>x</sub>


IIKXZ



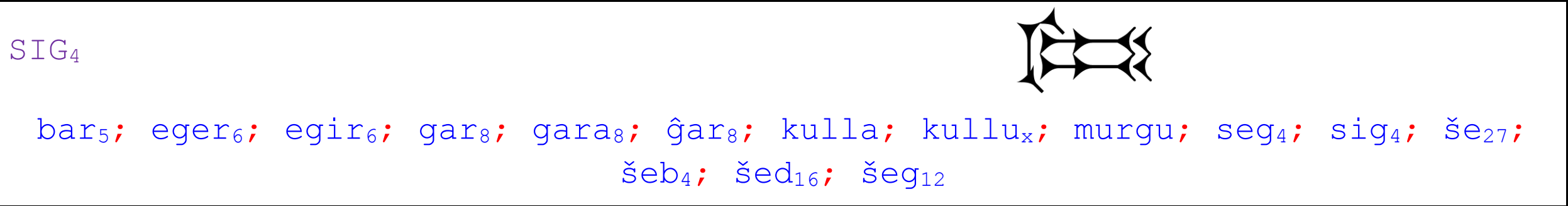
SIG.MU.BU


mudra<sub>x</sub>; munzer<sub>x</sub>

IIKXZ

SIG<sub>4</sub> 

bar<sub>5</sub>; eger<sub>6</sub>; egir<sub>6</sub>; gar<sub>8</sub>; gara<sub>8</sub>; ĝar<sub>8</sub>; kulla; kullu<sub>x</sub>; murgu; seg<sub>4</sub>; sig<sub>4</sub>; še<sub>27</sub>;  
šeb<sub>4</sub>; šed<sub>16</sub>; šeg<sub>12</sub>

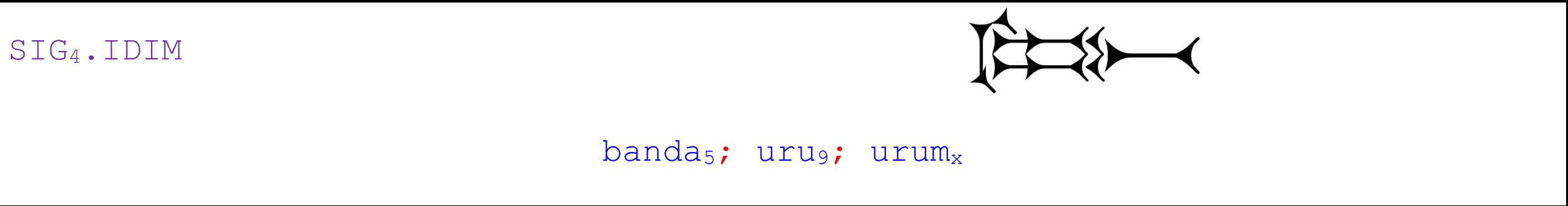


SIG<sub>4</sub> 

bar<sub>5</sub>; eger<sub>6</sub>; egir<sub>6</sub>; gar<sub>8</sub>; gara<sub>8</sub>; ĝar<sub>8</sub>; kulla; kullu<sub>x</sub>; murgu; seg<sub>4</sub>; sig<sub>4</sub>; še<sub>27</sub>;  
šeb<sub>4</sub>; šed<sub>16</sub>; šeg<sub>12</sub>

SIG<sub>4</sub>.IDIM

banda<sub>5</sub>; uru<sub>9</sub>; urum<sub>x</sub>



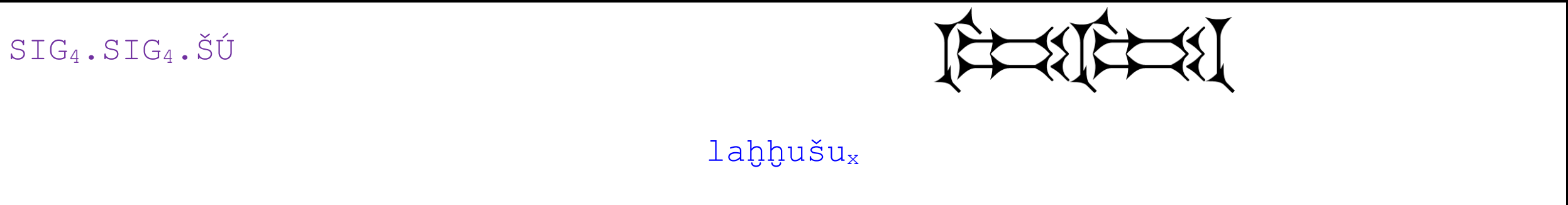
SIG<sub>4</sub>.IDIM

banda<sub>5</sub>; uru<sub>9</sub>; urum<sub>x</sub>

SIG<sub>4</sub>.SIG<sub>4</sub>.ŠŮ

laḥḥušu<sub>x</sub>

laḥḥušu<sub>x</sub>



SIG<sub>4</sub>.SIG<sub>4</sub>.ŠŮ

laḥḥušu<sub>x</sub>

laḥḥušu<sub>x</sub>

SIG<sub>4</sub>&SIG<sub>4</sub>.ŠÚ



guḥšu; ḥi<sub>x</sub>; laḥḥušu; šikaḥara

SÍK



ség; síg; sík; siki; šék; šéq; šík; šíq

SÍK.AŠ



dib<sub>x</sub>; gana<sub>x</sub>; ganam<sub>x</sub>; gayayu<sub>x</sub>; laḥar<sub>x</sub>; laḥru<sub>x</sub>; mudru<sub>4</sub>; mudrum<sub>4</sub>; šurim<sub>x</sub>; šuru<sub>x</sub>;  
šurum<sub>x</sub>; šurun<sub>x</sub>; u<sub>x</sub>; us<sub>x</sub>; wa<sub>x</sub>

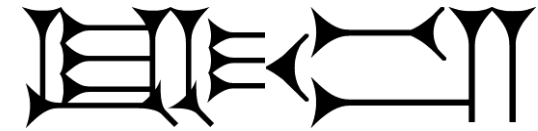
SÍK.BU



mudra<sub>5</sub>; mudru<sub>5</sub>; súluḥu; súlumḥi; zúluḥu; zúlumḥi



SÍK.LAM



adkin; aš<sub>6</sub>; sīkin; šīkin; udkin<sub>x</sub>

SÍK.LAM.SUHUR



aš<sub>5</sub>; múnsub; múnšub; músub; muzer; muzir

SÍK.MU.BU



sagmunzer; sagmunzir

SÍK.NUN



## No syllabic value exist

SÍK.SUD



suluḥu; sulumḥi; zuluḥu; zulumḥi

SÍK.SUḤUR



munsub<sub>x</sub>

SÍK.PA.IB



ḥamanzer<sub>x</sub>; ḥamanzir<sub>x</sub>

SÍK×NUN

No sign exist

No syllabic value exist

SÌLA



qû; ga<sub>5</sub>; ka<sub>4</sub>; qa; sal<sub>4</sub>; sala<sub>4</sub>; sîl; sîla; šál

SÌLA.ŠU.GABA



sagi; šagia; sagi<sub>x</sub>

SI-gunû



gunu<sub>x</sub>; sa<sub>11</sub>; si<sub>4</sub>; su<sub>4</sub>; śí; śú; usan<sub>4</sub>

SI-gunû.A



SU<sub>9</sub>







áktum

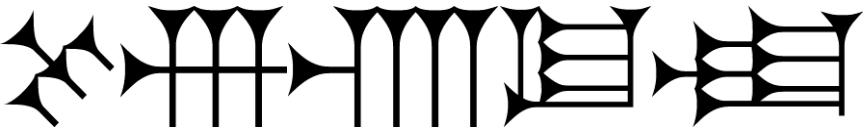
# THE


$$\text{sud}_x$$

SU.KUR.RU	𒍪𒌆𒍪	sùd; šuripak; šurippak; šurupak; šuruppag; šuruppak
SU.SU.LU.LU.ÉŠ.ÉŠ	𒍪𒍪𒌆𒌆𒂍𒂍𒂍𒂍	No syllabic value exist
SU.PIRIG	𒍪𒌆𒂍	No syllabic value exist
SU.RU×KUR		No sign exist sud <sub>x</sub> ; šuruppak <sub>x</sub>

SU&SU	
SU&SU.A	
SU×A	
No syllabic value exist	
SUD	
sar <sub>4</sub> ; ser; si <sub>x</sub> ; sir; sù; sud; sug <sub>4</sub> ; sú; šir <sub>8</sub> ; šu <sub>x</sub> ; šud; šut; šuṭ; šuz; zir; zir <sub>4</sub> ; zu <sub>6</sub>	

SUD.NUN.ÉŠ.TU



saman<sub>x</sub>

SUD.NUN.ŠE.ÉŠ



saman<sub>x</sub>

SUD.PA.EL



sug<sub>x</sub>

SÚD



adar<sub>x</sub>; ildag; ra<sub>4</sub>; rad; rat; rata; raṭ; rít; rud; ruṭ; súd; sus<sub>x</sub>; susu; šida<sub>x</sub>;  
šìta; šìtan<sub>x</sub>; šušu; zusu

SUḪUR



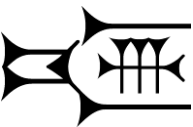
súḫ; suḫur; súmer; úbi; ugab

SUM



ari<sub>6</sub>; sar<sub>8</sub>; sè; seg<sub>10</sub>; sì; sig<sub>10</sub>; sik<sub>10</sub>; sím; su<sub>12</sub>; sum; sumu; sùn; sum; še<sub>19</sub>; šum; šumu; šun<sub>4</sub>; zàr

SUMAŠ



sumaš; ušbar<sub>4</sub>; ušbur<sub>4</sub>

SUMAŠ.MAŠ



ušbar<sub>x</sub>



SUMAŠ .ME



guḍu<sub>11</sub>; gúdug; luḥša<sub>x</sub>

SUR



sur; sura; śur; šur; țin

SUR<sub>9</sub>



sur<sub>9</sub>; sura<sub>9</sub>; surru; zúr

ŠA



ara; en<sub>8</sub>; li<sub>5</sub>; na<sub>5</sub>; sa<sub>20</sub>; ša; zur<sub>8</sub>

ŠAB<sub>6</sub>

šab;  
šap;  
šab<sub>6</sub>;  
šap<sub>6</sub>

ŠANABI



šanaba; šanabi; šanapi; šudamin<sub>x</sub>

ŠÁR



sár; sára; sáre; šár; šara<sub>6</sub>; šargal

ŠÁR× (GAL.DIŠ)



šargaldiš

ŠÁR× (GAL.MIN)



šargalmin

ŠÀ



didala; lîb; lîp; peš<sub>x</sub>; sa<sub>19</sub>; šà; šáb; šag<sub>4</sub>; šalambi

ŠÀ.A



kadra<sub>x</sub>

ŠÀ.DIŠ



lid<sub>x</sub>; lídda

ŠÀ.GI



anzalub; buglu; ḫanzalub; puglu; puglu<sub>x</sub>

ŠÀ.GIŠ.SAR



šalambi<sub>x</sub>

ŠÀ.LAGAB



íšḫara

ŠÀ.MIN.DI

tìbula; tìgidla

ŠÀ.MIN.KASKAL

tíbula; tígidla

ŠÀ.MIN.TAR

tibula; tigidla<sub>x</sub>

ŠÀ.SAR

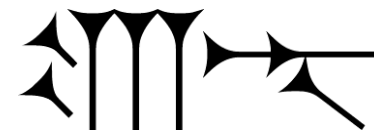


lambi

ŠÀ.TAR



tigidla



tigidla

ŠÀ×A

ber<sub>7</sub>; bir<sub>7</sub>; iškila; iškili; išla; išli; kiri<sub>4</sub>; peš<sub>4</sub>; piš<sub>4</sub>; sur<sub>4</sub>



ber<sub>7</sub>; bir<sub>7</sub>; iškila; iškili; išla; išli; kiri<sub>4</sub>; peš<sub>4</sub>; piš<sub>4</sub>; sur<sub>4</sub>

ŠÀ×BAD

𐎲𐎠𐏀𐎧𐎺𐎡𐏁;    𐎲𐎠𐏀𐎢𐎺;    𐎲𐎠𐏀𐎢𐎺𐎡𐏁;    𐎤𐎠𐎥𐎵



ḥabburuda<sub>x</sub>; ḥàbrud; ḥàbruda; nánam

ŠÀ×GIŠ

𒌦𒌆𒌵𒌆𒌵

No syllabic value exist



## No syllabic value exist

ŠÀ×NE	𐎧𐎠𐎺𐎠	nanam; nenim; ninim
ŠÀ×SAL	No sign exist	peš <sub>x</sub>
ŠÀ×ŠÚ	𐎧𐎠𐎺	gudu <sub>5</sub> ; ša <sub>x</sub>
ŠÀ×TAR	No sign exist	No syllabic value exist

ŠÀ×TUR

THE

peš<sub>13</sub>

 $\mathbb{S}^1 \times U$ 

ḥabburuda<sub>x</sub>; ḥabrud<sub>4</sub>; ḥabruda<sub>4</sub>

$$\check{S} \hat{A} \times (U.A)$$




ber<sub>6</sub>; bir<sub>6</sub>

ŠA<sub>6</sub>

# THE

a<sub>10</sub>; gešimmar; gešnimbar; gišimmar; ġešimmar; ġešnimbar; ġišimmar; ġišnimbar;  
 ḥàd; ḥud<sub>4</sub>; nimbar; pa<sub>9</sub>; sa<sub>6</sub>; sag<sub>9</sub>; seg<sub>6</sub>; sig<sub>6</sub>; ša<sub>6</sub>; šag<sub>5</sub>



ŠA <sub>6</sub> .TUR	 <p>suḥuṣ<sub>x</sub></p>
ŠA <sub>6</sub> -tenû	<p>No sign exist</p> <p>No syllabic value exist</p>
ŠE	 <p>ášnan; nig<sub>x</sub>; niga; nigan; nigu; sag<sub>x</sub>; še; u<sub>20</sub></p>
ŠE.BULUG	 <p>munu<sub>6</sub></p>

ŠE.ÉŠ.NUN.BU



sàman

ŠE . HU



bazbaz<sub>x</sub>; us; uš<sub>10</sub>; uş; uz; uza; ùzu

ŠE . HU . TUR



bibad; bibe

ŠE . HÚB



## No syllabic value exist

ŠE.IGI.TUR

全一冊

$$\sin_x$$

## ŠE . KAK



## hénbur

ŠE.KIN




MEMBER

gur<sub>x</sub>; kin<sub>x</sub>; saga<sub>x</sub>; sig<sub>x</sub>

ŠE.KIN.KIN



gur<sub>x</sub>; saga<sub>x</sub>

ŠE . LUGAL	
šesag	
ŠE . NAGA	
nidaba; nisaba; tu <sub>x</sub>	
ŠE . NAGA×A	No sign exist
No syllabic value exist	
ŠE . NÁM	
šuš <sub>x</sub>	

ŠE.NÍNDA-180°×ZA

No sign exist

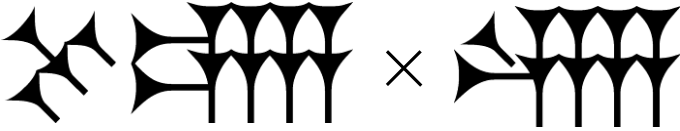
No syllabic value exist

ŠE.NUN&NUN



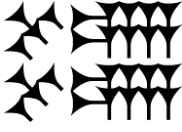
dir<sub>4</sub>; èzina; èzinu; gámun; ninni<sub>8</sub>; pana<sub>x</sub>; qišat; šabu; še<sub>15</sub>; ter; țer<sub>5</sub>; tir;  
țir<sub>5</sub>

(ŠE.NUN&NUN) × TAK<sub>4</sub>



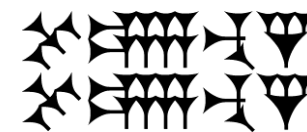
ezina<sub>x</sub>; ezinu<sub>x</sub>

(ŠE.NUN&NUN) & (ŠE.NUN&NUN)



garadin<sub>6</sub>; karadin<sub>6</sub>; nenni<sub>5</sub>; ninni<sub>5</sub>

(ŠE.NUN&NUN) & (ŠE.NUN&NUN) .  
GAD&GAD.GAR&GAR



garadin; karadin

(ŠE.NUN&NUN) & (ŠE.NUN&NUN) .  
LAGAB

garadin<sub>4</sub>

(ŠE.NUN&NUN) & (ŠE.NUN&NUN) .  
LAGAB.LAGAB



garadin<sub>4</sub>; karadin<sub>4</sub>

ŠE.PAP.PAP


$$\mu_{\text{nu}_x}$$

ŠE . SAR	𐎲𐎠𐎺𐎠	No syllabic value exist
ŠE . SUḪUR	𐎲𐎠𐎶𐎶𐎶𐎶	ubi <sub>x</sub>
ŠE . ŠE . KIN	𐎲𐎠𐎶𐎶	gur <sub>x</sub>
ŠE . ŠEŠ	𐎲𐎠𐎶𐎶𐎶𐎶	šemuš

ŠE . ŠE . NUN&NUN	𐎧𐎥𐎧𐎥𐎠𐎠
ašnan; ašnana; ezenna <sub>x</sub> ; ézim; ézin; ézina; ézinu	
ŠE&ŠE	No sign exist
No syllabic value exist	
ŠE&ŠE . HÚB	No sign exist
No syllabic value exist	
ŠE&ŠE . GAD&GAD . GAR&GAR	𐎧𐎥𐎧𐎥𐎠𐎠𐎧𐎥𐎧𐎥𐎠𐎠
gáradin; káradin	



ŠE&ŠE.GAR&GAR



garadin<sub>8</sub>; karadin<sub>8</sub>

ŠE&ŠE.PA&PA.GAR&GAR



garadin<sub>7</sub>; karadin<sub>7</sub>

ŠE&ŠE.TAB&TAB.GAR&GAR



gàradin; kàradin

ŠEG<sub>9</sub>




kiši<sub>6</sub>; sa<sub>21</sub>; seg<sub>14</sub>; segga; sig<sub>14</sub>; sigga; šeg<sub>9</sub>; šega<sub>9</sub>; šeg<sub>9</sub>; šen<sub>x</sub>; šenbar; šegga

ŠEG<sub>9</sub>.BAR      sabar



sabar

ŠEN 

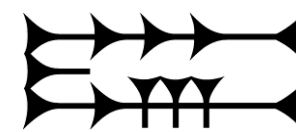
dur<sub>10</sub>; rik<sub>4</sub>; rug; ruk; ruq; ruqu; sán; sun<sub>6</sub>; šen; šin; šun; zin



dur<sub>10</sub>; rik<sub>4</sub>; rug; ruk; rug; rugu; sán; sun<sub>6</sub>; šen; šin; šun; zin

ŠEŠ

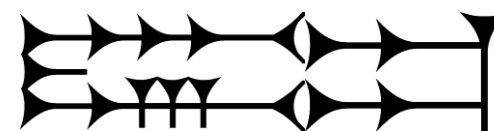
áḥ; áḥa; aḥi; mun<sub>4</sub>; muš<sub>5</sub>; nan; sas; ses; sis; siš; šas; šaš; šaṣ; še<sub>16</sub>; šes;  
šeṣ; šeš; šiš; šiṣ; šiz; za<sub>x</sub>; zaḥ<sub>x</sub>



áħ; áħa; aħi; mun<sub>4</sub>; muš<sub>5</sub>; nan; sas; ses; sis; siš; šas; šaš; šaš; še<sub>16</sub>; šes;  
šeš; šeš; šiš; šiš; šiz; za<sub>x</sub>; zaħ<sub>x</sub>

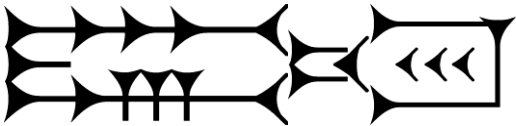
ŠEŠ.AB

ura<sub>16</sub>; úram; uri<sub>5</sub>; urim<sub>5</sub>; uru<sub>15</sub>; urum<sub>6</sub>



ura<sub>16</sub>; úram; uri<sub>5</sub>; urim<sub>5</sub>; uru<sub>15</sub>; urum<sub>6</sub>

ŠEŠ.AB-gunû



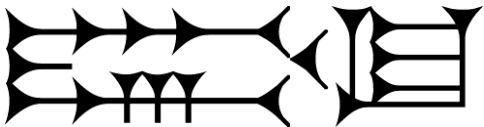
ura<sub>15</sub>; uram; úri; úrim; uru<sub>14</sub>; urum<sub>5</sub>

ŠEŠ.ĦU.ĦU



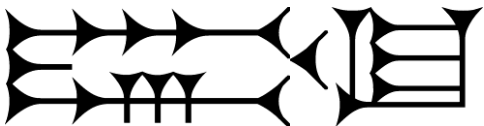
urin<sub>x</sub>

ŠEŠ.IB




du<sub>x</sub>; dug<sub>x</sub>

ŠEŠ.KI



nán; nanna

ŠEŠLAM  šešlam

šešlam



ŠÉŠ

šéš; še<sub>8</sub>; šíš

š é š ; š e<sub>8</sub> ; š í š



ŠID.GAR


𒌦𒍪

No syllabic value exist

## No syllabic value exist



ŠID.RU



rig<sub>x</sub>

$$\text{rig}_x$$


ŠID



àg; àĝ; àk; àka; álal; álamu; álmũ; bísag; bísagĝ; bísan; dilib; dim<sub>12</sub>; élal;  
gir<sub>13</sub>; gud<sub>9</sub>; ka<sub>9</sub>; kas<sub>7</sub>; kid<sub>4</sub>; kiri<sub>8</sub>; la<sub>10</sub>; lag; lak; laka; laq; lík; líq; mer<sub>4</sub>;  
nésag; nésaĝ; nísag; nísagĝ; pa<sub>8</sub>; písag; písagĝ; písan; sagga; saĝa<sub>8</sub>; saĝĝa;  
sanga; sangu; síd; sila<sub>11</sub>; silag; silaĝ; sin<sub>x</sub>; sít; sub<sub>x</sub>; šanga; še<sub>14</sub>; šed; šet;  
šid; šit; šita<sub>5</sub>; šiti; šítim; šiṭ; šub<sub>6</sub>; šutum<sub>x</sub>; šud<sub>4</sub>; šudum; te<sub>6</sub>; tu<sub>14</sub>; tũba;  
ubisag; umbisag; umbisaĝ; úttu; úṭu; zadri; zadru; zandar; zandara; sila<sub>x</sub>

ŠID×IM



ḥúbḥub

ŠIM.AN.MAŠ



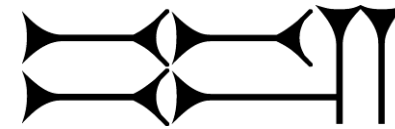
lígidba

ŠID×A



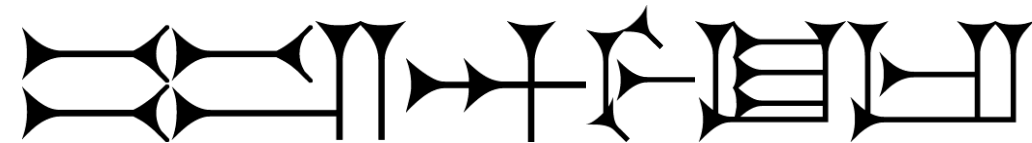
ala<sub>x</sub>; alal; alalmu; alamu; almu; b̄isag; b̄isaĝ; b̄isan; b̄izeg; b̄izem; elal;  
hubhub; kirbanu; mezeg; mezeĝ; mezem; mizeg; mizem; p̄isag; p̄isaĝ; p̄isan;  
úbisag; úmbisag; úmbisaĝ

ŠIM



ásila; ásilal; ásilla; báppir; báppira; lumgi; lunga; mud<sub>5</sub>; mulug<sub>x</sub>; ningi;  
nug<sub>x</sub>; nungi; reg; rek; req; rig; rik; riq; sem; sim; siraš; siris; siriš;  
su<sub>20</sub>; šem; šémbi; šembizi; šembizid; šembulug<sub>x</sub>; š<sub>i</sub><sub>6</sub>; šim; šímbi; šimbizi

ŠIM.AN.SAL.TÚG.IB

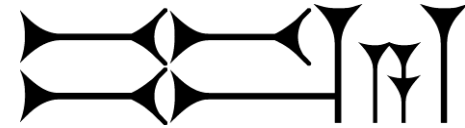


ligidba

ŠIM.BAL

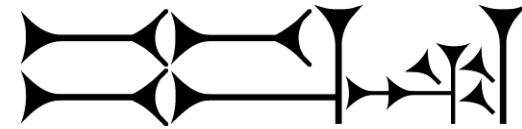


šembulug<sub>x</sub>

 $\check{S}IM \times A$ 

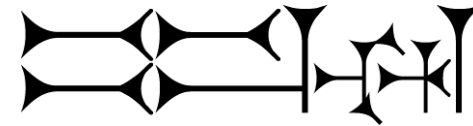
dumgal; lúmgi; lúnga; níngi; núngi; síraš; síris

ŠIM×BAL



šembulug<sub>4</sub>; šimbulug<sub>4</sub>

ŠIM×BULUG



šembulug<sub>5</sub>; šemmug; šimbulug<sub>5</sub>; šimmug

ŠIM×DIN 

núg

ŠIM×GAR

bappir; bappira; bir<sub>x</sub>; lùmgì; lùnga; nìngì; nùngì; sìraš; sìris; šin<sub>x</sub>


bappir; bappira; bir<sub>x</sub>; lùmgi; lùnga; nìngi; nùngi; siraš; sìris; šin<sub>x</sub>

ŠIM×IGI

šèmbulug; šìmbulug

šèmbulug; šìmbulug

ŠIM×KÚŠU



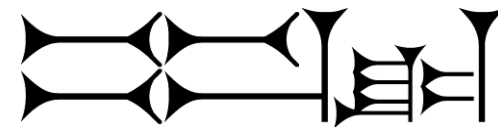
šembulug<sub>x</sub>

šembulg<sub>x</sub>

# Ein

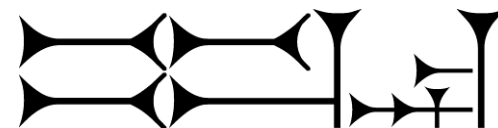


ŠIM×LUL



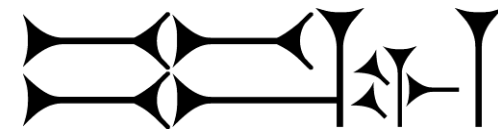
šáqa; šáqu; šuqu<sub>x</sub>

ŠIM×MUG

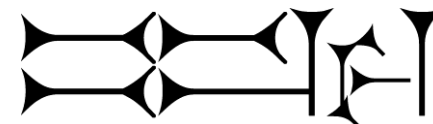


nug; šímbulug

ŠIM×PI

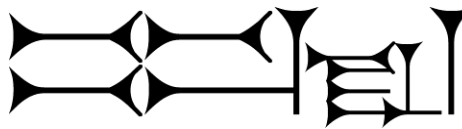

$$\text{šemb}i_x$$

ŠIM×SAL



šemešal; šemmišla; šemšala; šimešal; šimeššal; šimmešla

ŠIM×IGI-gunû



šembi; šimbi

ŠINIG



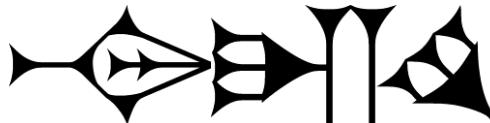
šinig

ŠIR






as<sub>5</sub>; aš<sub>7</sub>; gasa<sub>x</sub>; sil<sub>8</sub>; sir<sub>4</sub>; siru; sirum; šer; šir; šùr

ŠIR.GI<sub>4</sub>



aš<sub>7</sub>-gi<sub>4</sub>; ašgi

ŠIR-tenû.SÎLA	
ĝízzal	
ŠIR-tenû	
No syllabic value exist	
ŠIR&ŠIR.BUR&BUR	No sign exist
No syllabic value exist	
ŠITA	
èšda; lidda; me <sub>x</sub> ; nu <sub>x</sub> ; šita	

ŠITA.GIŠ.TÚG



éšda; ešta<sub>x</sub>; i<sub>9</sub>

ŠITA-tenû

**No sign exist**

## No syllabic value exist

# ŠÍTA



ešda; gišḥa; ḥa<sub>8</sub>; lidda<sub>x</sub>; rìg; šíta; údub; údug; útug

ŠU



kat<sub>7</sub>; qad; qat; qata; sagi<sub>x</sub>; šu

ŠU . AN

三十一

giri<sub>20</sub>

ŠU.BAD

III

zipaḥ<sub>x</sub>

ŠU.BU

五

dubul; dulu; ul<sub>7</sub>

ŠU.DI

三

## No syllabic value exist

ŠU.DI.U.U.U

sáḥab; suḥub<sub>4</sub>; šáḥab; šuḥub<sub>4</sub>

## ŠU.DÍM

girah

ŠU.DIŠ







saḥab; sùḥub; šaḥab

ŠU.EREN.ME



şurmen<sub>x</sub>

ŠU.GA	
suḫub <sub>5</sub>	
ŠU.GAN	
peš <sub>8</sub>	
ŠU.GÁN-tenû	
durun <sub>x</sub> ; šukra; šunigin	
ŠU.GAR	
No syllabic value exist	

ŠU.GAR.TUR.LAL



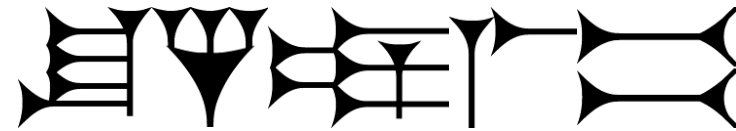
tukum; tukun; tukum<sub>x</sub>

ŠU.GAR.TUR.RU.LAL



No syllabic value exist

ŠU.GAR.TUR.LAL.BI



tukumbi; tukunbi; tukumbi<sub>x</sub>

ŠU.GI



šu-gi



ŠU.GI%GI

šugi

ŠU.GÍR-gunû

## No syllabic value exist

ŠU. HA

šukud<sub>x</sub>

ŠU . KAD<sub>4</sub>

peš<sub>14</sub>

ŠU . KAK



## No syllabic value exist

ŠU.KAL



liri; liru; lrum; šugbar; šugmaš; šukbar

ŠU . LAGAB


$$\text{tinur}_x$$

ŠU.LAGAB.NA



délen; délena; dilim<sub>4</sub>; dílin; dílina; dùrun; dùruna; tínur

ŠU.LAL.TUR



tukumbi<sub>x</sub>

ŠU.LÚ



giri<sub>19</sub>

ŠU.LUGAL



giri<sub>21</sub>

ŠU.LUL



suslug

ŠU.ME.EREN

𒍪𒈾𒊩𒌆𒀭

šurmen; šurmin

# min

šurmen; šurmin

ŠU.MIN

𒍪

qa<sub>4</sub>; qád; qát



qa<sub>4</sub>; qád; qát

ŠU.MIN.ME.U.U.U

qati


𒊩𒌆𒍪𒋀𒊩𒌆𒍪𒋀𒊩𒌆𒍪𒋀

# Mitgliedsbeitrag

qati

ŠU.NAGA

tu<sub>5</sub>



# 三才

tu<sub>5</sub>

ŠU.PAP.PAP	𒍪𒌦𒌦 géšbu; ĝéšbu; géšpu; ĝéšpu; ĝešba <sub>x</sub>
ŠU.SI.DI	𒍪𒌦𒅀𒅀 saḥab <sub>x</sub>
ŠU.SÌLA.GABA	𒍪𒌦𒅀𒅀 No syllabic value exist
ŠU.U	𒍪𒅀 šu-u

ŠU&ŠU-180°

No sign exist

lil<sub>x</sub>

ŠU-180°

No sign exist

No syllabic value exist

ŠUBUR



sáh; siḥ; subar; subir; subur; šah; šaḥa; šeḥ; šiḥ; šubar; šubur; šubura;  
šúḥ; ṣeḥ; zéḥ; zíḥ

ŠUL.GI



No syllabic value exist

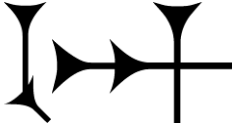
ŠU-tenû	No sign exist
ŠUŠANA	𐎲𐎠𐎺𐎡 šuda <sub>x</sub> ; šušana; šuššan <sub>x</sub>
ŠÚ	𐎲𐎠𐎺 éšša; gala <sub>6</sub> ; šú; šubartin; šúš
ŠÚ.AD	𐎲𐎠𐎺𐎡𐎠 No syllabic value exist

ŠÚ× (A.DIŠ)

No sign exist

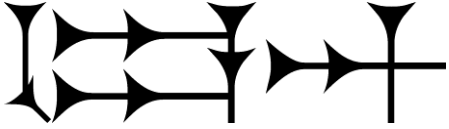
šua<sub>x</sub>

ŠÚ.AN



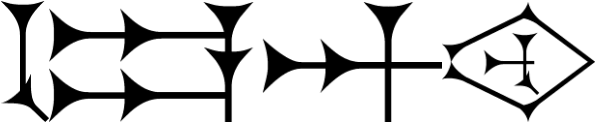
én; gibil<sub>7</sub>; gíbir; kibir; kúnga; kúngi; še<sub>9</sub>; šuḥub

ŠÚ.3×AN



íši; kunga; kungi; suḥub; suḥul; sulgar; šuḥub; kunga<sub>x</sub>; suḥub; šuḥub; súḥub;  
šúḥub

ŠÚ.AN.ḪI×GAD



kèš; kèši; kìši

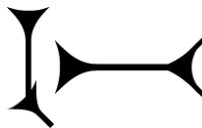


ŠÚ.ÁŠ



gíbil; gibir; kibir

ŠÚ.BAD



zipaḫ<sub>x</sub>

ŠÚ.DUG×NI



No sign exist




No syllabic value exist




ŠÚ.DÙN-gunû-gunû-šeššig









šudul; šudulu; šudun; šutul




ŠÚ.É×AN	No sign exist
ŠÚ.NAGA	 kiši <sub>14</sub> ; sa <sub>17</sub> ; sig <sub>x</sub> ; še <sub>8</sub>
ŠÚ.NE	 la <sub>1</sub> <sub>6</sub> ; li <sub>1</sub> <sub>5</sub> ; ne <sub>4</sub>
ŠÚ.ŠE.KU.KAK	No syllabic value exist




ŠÚ.U.U.U	
lal <sub>5</sub> ; lîl	
ŠÚ.UR-šeššig	
šùdul; šùdun; šùtul	
ŠÚ.zî	
No syllabic value exist	




ŠÚ.U.U.U	
lal <sub>5</sub> ; lîl	
ŠÚ.UR-šeššig	
šùdul; šùdun; šùtul	
ŠÚ.zî	
No syllabic value exist	




ŠÚ.U.U.U	
lal <sub>5</sub> ; lìl	
ŠÚ.UR-šeššig	
šùdul; šùdun; šùtul	
ŠÚ.zì	
No syllabic value exist	




ŠÚ.U.U.U	
lal <sub>5</sub> ; lìl	
ŠÚ.UR-šeššig	
šùdul; šùdun; šùtul	
ŠÚ.zì	
No syllabic value exist	




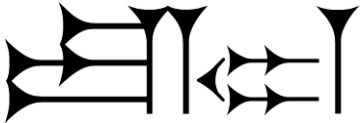
ŠÚ.U.U.U	
lal <sub>5</sub> ; lìl	
ŠÚ.UR-šeššig	
šùdul; šùdun; šùtul	
ŠÚ.zì	
No syllabic value exist	

ŠÚ.U.U.U	
lal <sub>5</sub> ; lîl	
ŠÚ.UR-šeššig	
šùdul; šùdun; šùtul	
ŠÚ.zî	
No syllabic value exist	

ŠÚ.U.U.U	
lal <sub>5</sub> ; lîl	
ŠÚ.UR-šeššig	
šùdul; šùdun; šùtul	
ŠÚ.zî	
No syllabic value exist	

ŠÚ.U.U.U	
lal <sub>5</sub> ; lîl	
ŠÚ.UR-šeššig	
šùdul; šùdun; šùtul	
ŠÚ.zî	
No syllabic value exist	

ŠÚ.U.U.U	
lal <sub>5</sub> ; lîl	
ŠÚ.UR-šeššig	
šùdul; šùdun; šùtul	
ŠÚ.zî	
No syllabic value exist	

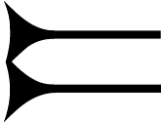
TA	
TA*	 No syllabic value exist
TA×HI	 alammuš; alamuš; làl; ru <sub>8</sub>
TA×MI	 gansis <sub>x</sub>

TA×ŠE

No sign exist

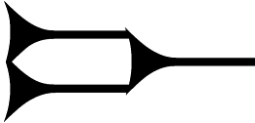
No syllabic value exist

TAB



dáb; dáp; dápa; min<sub>6</sub>; tab; taba; tap; tapa; ɫab; ɫap

TAB.AŠ








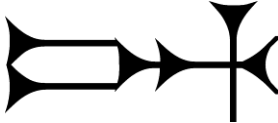


eš<sub>21</sub>


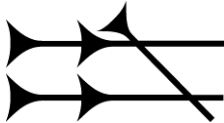

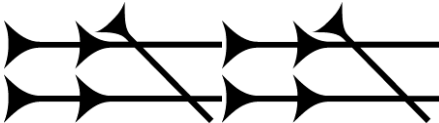
TAB.KUN






mégida; mégidda




TAB.TAB.AŠ	ia <sub>7</sub>	
TAB.TAB.TAB	aš <sub>4</sub>	
TAB.TAB.TAB.AŠ	ímin; ímina; umun <sub>8</sub>	
TAB.TAB.TAB.TAB	ússa; ússu	

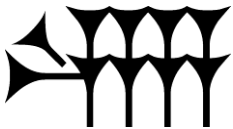



TAB.TAB.TAB.TAB.AŠ	
ílimmu	
TAB.TI	
megida; megidda	
TAB&TAB.NI&NI.DIŠ&DIŠ	
ubinigga; ubišaga	
TAB-tenû	
min <sub>8</sub>	

4×TAB	 <p>bur<sub>x</sub>; buru<sub>x</sub>; gurin<sub>x</sub>; gurun<sub>x</sub>; kurun<sub>x</sub></p>
TAG	 <p>da<sub>6</sub>; daq<sub>6</sub>; guruš<sub>4</sub>; su<sub>x</sub>; sub<sub>6</sub>; subu; suḥ<sub>x</sub>; sum<sub>6</sub>; šum; šán; šerid; šerim; šu<sub>14</sub>; šum; šumu; šuš<sub>4</sub>; tà; tag; taga; tak; taka; taq; tibir; tuku<sub>5</sub>; uttu<sub>x</sub>; zíl</p>
TAG.GAM.ME	 <p>šumgamme</p>
TAG.TAG	 <p>ziz<sub>5</sub></p>



TAG.TÚG	
šera <sub>x</sub> ; šerim <sub>x</sub>	
TAG×BI	No sign exist
No syllabic value exist	
TAG×GUD	
silig <sub>4</sub> ; tibir <sub>5</sub>	
TAG×KU	
sìlig; tibir <sub>4</sub> ; ud <sub>4</sub> ; ut <sub>4</sub> ; uttu <sub>x</sub>	

TAG×ŠE	No sign exist
TAG×ŠU	 tíbir
TAG×TÚG	 sìlig; tibir <sub>4</sub> ; uṭu; utu <sub>x</sub> ; uttu
TAG×UD	 sílig; tìbir

TAK <sub>4</sub>	 <p> ázad; da<sub>13</sub>; dad; dat; erbura; gid<sub>6</sub>; gud<sub>x</sub>; gudibir; irbura; kam<sub>x</sub>; kíd; kít; šu<sub>x</sub>;  šuru<sub>6</sub>; šurum<sub>6</sub>; ta<sub>6</sub>; tad; tag<sub>4</sub>; tak<sub>4</sub>; taka<sub>4</sub>; tat; tuk<sub>x</sub>; țat; ur<sub>x</sub> </p>
TAK <sub>4</sub> .ALAN	 <p>zermušku<sub>x</sub></p>
TAK <sub>4</sub> .SAG	 <p>No syllabic value exist</p>
TAK <sub>4</sub> .TAK <sub>4</sub>	 <p>dadda; tatge</p>

TAR



dar<sub>6</sub>; gud<sub>4</sub>; ھا; ھاš; ھاş; ھaz; ھiz; ھús; ku<sub>5</sub>; kud; kudma; kuksu; kur<sub>5</sub>; kuru<sub>5</sub>;  
kurum<sub>5</sub>; kut; kutu; qadma<sub>x</sub>; qadmu; qud; qudma; qudmu; qum<sub>x</sub>; qut; qutu; sel;  
si<sub>x</sub>; sil; sila; sulu; šar<sub>7</sub>; šel; šil; ta<sub>x</sub>; tar; tara; tér; tír; țar; țír;  
ursagsim; ursaĝsim; zil; zíl

TA-gunû



gansis; ganzer<sub>x</sub>; kabta

TE



de<sub>4</sub>; di<sub>12</sub>; gal<sub>5</sub>; galla<sub>x</sub>; gùl; múl; te; tèg; tèĝ; tem<sub>x</sub>; temen; temenna<sub>x</sub>; ten;  
ti<sub>7</sub>; țe<sub>4</sub>; ți<sub>4</sub>; unu<sub>x</sub>

TE.A



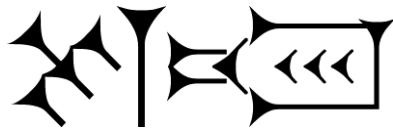
gar<sub>14</sub>; ka<sub>11</sub>; kar; kara; kir<sub>8</sub>; qár

TE.AB



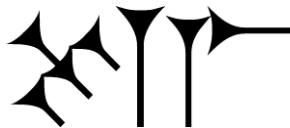
unu<sub>6</sub>; ùnug

TE.AB-gunû



únu; únug

TE.LAL



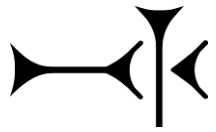



gal<sub>5</sub>-la; galla; galu; gulla

$$\text{unu}_x$$

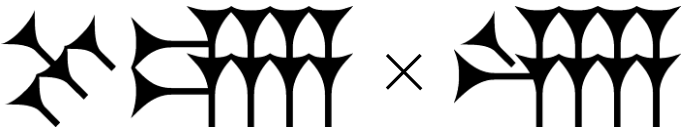
# III

# Index

A horizontal number line with red tick marks and blue starburst labels at intervals of 100, from 0 to 1000. The number 548 is highlighted with a red rectangular box.

<p>TI</p> <p>de<sub>9</sub>; dî; te<sub>9</sub>; teĝ<sub>4</sub>; ti; tibnu; tig<sub>4</sub>; tiĝ<sub>4</sub>; tîl; tîla; ٽe<sub>6</sub>; ٽì</p>	
<p>TIL</p> <p>sumun; šum<sub>4</sub>; šumun; sun; suna; tel; til; ug<sub>7</sub>; úš</p>	
<p>TI-tenû</p> <p>tana; tibnu</p>	
<p>TIR</p> <p>dir<sub>4</sub>; èzina; èzinu; gámun; ninni<sub>8</sub>; pana<sub>x</sub>; qišat; šabu; še<sub>15</sub>; ter; ٽer<sub>5</sub>; tir; ٽir<sub>5</sub></p>	

TIR×TAK<sub>4</sub>



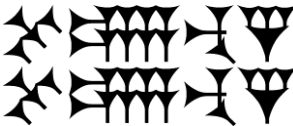
ezina<sub>x</sub>; ezinu<sub>x</sub>

TIR&TIR



No syllabic value exist

TIR&TIR.GAD&GAD.GAR&GAR



No syllabic value exist

TU



dú; dúd; dur<sub>11</sub>; hú; huduš; namšeše; tu; tud; tum<sub>12</sub>; tur<sub>5</sub>; tú



TÚG



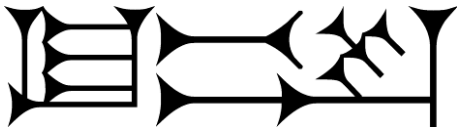
ášlag; ázalog; ázlag; dul<sub>5</sub>; i<sub>6</sub>; mu<sub>4</sub>; mur<sub>10</sub>; taskarin; taškarin; te<sub>5</sub>; tiškarin;  
tiškarini; tu<sub>9</sub>; tuba<sub>x</sub>; túg; túk; túku; umuš; uš<sub>4</sub>

TÚG.BU.TÚG.TU



saman<sub>x</sub>

TÚG.DU-šeššig



tugir

TÚG.UD



ášlag; azalog; azlag

TUK



du<sub>12</sub>; dúk; ráš; tu<sub>12</sub>; tug; tuk; tuku; tug

TUK.TUK



duddu; duttu

TUM



dàm; du<sub>4</sub>; dum; éb; eger<sub>4</sub>; egir<sub>4</sub>; ep<sub>2</sub>; geškad<sub>x</sub>; giškad<sub>x</sub>; ġeškad<sub>x</sub>; ġiškad<sub>x</sub>; íb;  
íp; suri; tam<sub>4</sub>; tím; tu<sub>4</sub>; tum; ʔu<sub>4</sub>; ʔum

TUM<sub>x</sub> (DIŠ.DIŠ.DIŠ)

No sign exist

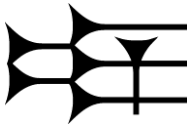
## No syllabic value exist

TUM×GÁN-tenû

No sign exist

tum<sub>x</sub>

TUR



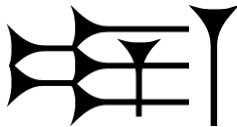
bàn; bànda; damu; di<sub>4</sub>; du<sub>13</sub>; dum<sub>x</sub>; dumu; ibila<sub>4</sub>; maru; peš<sub>7</sub>; suḥuš<sub>x</sub>; šak<sub>7</sub>; šir<sub>6</sub>;  
tu<sub>19</sub>; tul<sub>4</sub>; tur; tura; turu; ṭur; zer<sub>x</sub>

TUR.ARAD



ibila

TUR.DIŠ



gena; genan; genna; gina; ginan; ginna; ḫibis; ḫibiz; ibila<sub>x</sub>

TUR.ÉŠ



dumu-gi<sub>7</sub>; kun<sub>5</sub>; kuĝ<sub>5</sub>

TUR.SAL.TUR.TUR



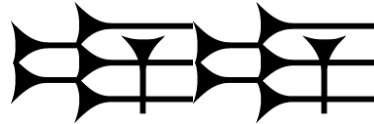
murum<sub>x</sub>

TUR.SAG



ibila

TUR.TUR



de<sub>x</sub>-de<sub>x</sub>; di<sub>4</sub>-di<sub>4</sub>; du<sub>13</sub>-du<sub>13</sub>; til<sub>x</sub>; tur-tur

TUR.UŠ



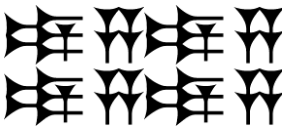
ibila

TUR&TUR.ZA&ZA


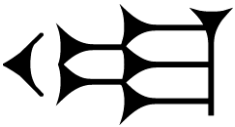
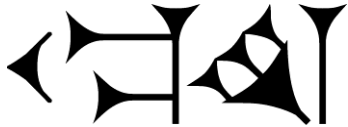


zazana; zazna; zezna; ziz<sub>x</sub>; zizna

TUR&TUR.ZA&ZA.TUR&TUR.ZA&ZA



zazana<sub>x</sub>; zazna<sub>x</sub>; zezna<sub>x</sub>; zizna<sub>x</sub>

U	 <p> <i>a<sub>6</sub></i>; <i>bar<sub>x</sub></i>; <i>bu<sub>12</sub></i>; <i>bùr</i>; <i>bùru</i>; <i>burud<sub>x</sub></i>; <i>buzur</i>; <i>ge<sub>14</sub></i>; <i>gešbur<sub>x</sub></i>; <i>gibiru</i>; <i>giburu</i>; <i>giguru</i>; <i>guru<sub>12</sub></i>; <i>ḥà</i>; <i>ḥù</i>; <i>puzur</i>; <i>šìl</i>; <i>šu<sub>4</sub></i>; <i>šuš</i>; <i>u</i>; <i>ubu<sub>x</sub></i>; <i>umun</i>; <i>ún</i>; <i>ušur<sub>5</sub></i>; <i>utaḥ<sub>x</sub></i>; <i>utu<sub>x</sub></i> </p>
U.AD	 <p> <i>gir<sub>4</sub></i>; <i>ìsi</i>; <i>ìsim</i>; <i>ìsimu</i>; <i>kir<sub>13</sub></i>; <i>kiri<sub>x</sub></i> </p>
U.DAR	 <p> <i>ašdar</i>; <i>muš<sub>7</sub></i>; <i>u-gùn</i>; <i>ugun</i>; <i>ugunu</i> </p>

U.DIM



gàkkul; kàkkul; mun<sub>6</sub>

U.DIM×ŠE



gakkul; kakkul; mun<sub>5</sub>

U.EDIN



bàḫar

U.EN×GÁN-tenû



ešgar<sub>x</sub>; ešgiri; eškiri; ganu; gir<sub>x</sub>; kir<sub>12</sub>; kirru<sub>x</sub>; sibir; šibir; ušbar<sub>5</sub>; ušbur<sub>5</sub>

U.GA



dimna; sag<sub>x</sub>; u<sub>14</sub>; ud<sub>6</sub>; ul<sub>x</sub>; ut<sub>6</sub>; utaḥ; útu; zag<sub>x</sub>; záḥan

U.GA.ḪI



zaḥan

U.GAN



saman<sub>4</sub>; šagan; šaḡan; šakan; šakkan; šáman

U.GUD



du<sub>7</sub>; mul<sub>4</sub>; ra<sub>x</sub>; ru<sub>5</sub>; ul; ula; ullu; ùllu; ulu; ur<sub>6</sub>

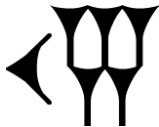


U.GUR



ugur; nergal<sub>x</sub>

U.5 (DIŠ)



uia; uya; udilia

U.KA



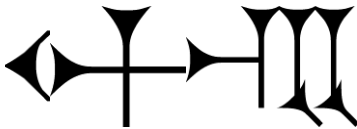
ele; eli; màḥ; muḥ; ugu; ùgun

U.KID



nigin<sub>x</sub>; šag<sub>x</sub>; šak<sub>x</sub>; šita<sub>4</sub>; šudul<sub>6</sub>; šutul<sub>6</sub>

U.MAŠ.KAB



gira

U.MU



udul<sub>8</sub>; udun; umun<sub>10</sub>; utul<sub>8</sub>; utun

U.PIRIG



kiši<sub>10</sub>; kuš<sub>5</sub>; kušu; kušum<sub>4</sub>

U.SAG



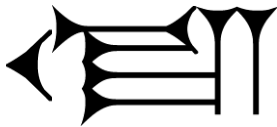
sagdul; sagšu; sagtuš<sub>x</sub>; saĝšu; ugu<sub>x</sub>; saĝšu

U.SAR



baḥar<sub>x</sub>; bakiru; bakirum; máḥar

U.ŠA



sag<sub>x</sub>; urum<sub>7</sub>; usag<sub>x</sub>; za<sub>x</sub>

U.TÚG



dul; šúdul; šúdun; šútul; tul

U.U.U



bà; batu; és; eš; éša; eše; is<sub>5</sub>; ìš; nà; sin; şin; šib; šip; uš<sub>18</sub>; ùšu

U.U



ámna; búzur; geš<sub>x</sub>; giš<sub>x</sub>; mam; man; mana; men<sub>5</sub>; meš<sub>x</sub>; mìm; mìn; mìn<sub>a</sub>; naš; nes;  
neš; nis; niš; niz; púzur; šámaš; šar<sub>4</sub>; šárru; šúšana; šušanaku; tab<sub>4</sub>; ùtu;  
wan

U.U.U.ÀŠ



bangaš<sub>x</sub>

U.UD



nigin<sub>4</sub>; nìm; ningin<sub>4</sub>; šu<sub>16</sub>; úšu; uzu<sub>5</sub>

U.UD.KID



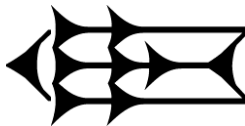
ni<sub>9</sub>; nig<sub>6</sub>; nigar; nìgin; niĝ<sub>6</sub>; niĝar; niĝin; nimgin; nìngin

U.UR-šeššig



šutul<sub>x</sub>

U.ZAG



bùzur; pùzur

U&U.PA&PA.GAR&GAR



garadin<sub>10</sub>; karadin<sub>10</sub>

U&U.SUR&SUR



garadin<sub>9</sub>; karadin<sub>9</sub>

U&U.U&U.U



íllil; kíngusili; ninni<sub>x</sub>; ninnu; ninu<sub>x</sub>

(U@U) & (U@U)



bargi; mašgi

UB



ár; ára; ub; uba; ubda; úbu; up; war<sub>x</sub>

UB.ME



umma<sub>x</sub>

UB.RI




zamin


UD



a<sub>12</sub>; àḥ; wāṣit; māṣit; ṣītu; al<sub>5</sub>; amna; ara<sub>7</sub>; aya<sub>x</sub>; báb; babar; babbar; bar<sub>6</sub>;  
bara<sub>x</sub>; bér; beš<sub>12</sub>; bír; da<sub>7</sub>; dág; dām; e<sub>8</sub>; gal<sub>8</sub>; ḥa<sub>5</sub>; ḥád; ḥáda; ḥàš; ḥeš; ḥis;  
ḥiš; ḥúd; kum<sub>4</sub>; la<sub>7</sub>; laḥ; liḥ; luḥ<sub>x</sub>; par; para; per; peš<sub>12</sub>; pir; pírig; píriĝ;  
rà; sa<sub>16</sub>; salaḥ; síki; šamaš; šarag; ta<sub>5</sub>; tam; tama; tú; ṭám; u<sub>4</sub>; ud; ug<sub>4</sub>; ul<sub>6</sub>;  
úm; un<sub>5</sub>; ut; uta; utu; uṭ; zala<sub>x</sub>; zalag; zalaga; zalaḥ; zalaqa<sub>x</sub>

UD.A  peš<sub>9</sub>


peš<sub>9</sub>

UD.AB   
árarama; árarma; lársa; lársam



árarama; árarma; lársa; lársam

UD.AB×EŠ



a<sub>13</sub>; arħu; du<sub>16</sub>; id<sub>8</sub>; iti; itid; itu; itud; u<sub>22</sub>


$$a_{13}; \quad ar_{\mathfrak{h}u}; \quad du_{16}; \quad id_8; \quad iti; \quad itid; \quad itu; \quad itud; \quad u_{22}$$

UD.AB-gunû

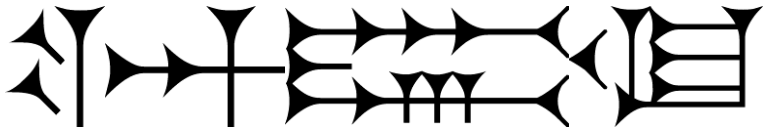
arar; ararama; ararma; larsa; larsam



arar; ararama; ararma; larsa; larsam

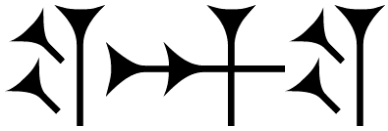


UD.AN.ŠEŠ.KI



id<sub>4</sub>; it<sub>4</sub>; ita<sub>x</sub>; iti<sub>6</sub>; itud<sub>x</sub>

UD.AN.UD



šerrida

UD.DU



ara<sub>4</sub>; è; éd; eda<sub>x</sub>; i<sub>10</sub>; sagus; saguš

UD.DU.BU



a<sub>12</sub>-rá-bu

UD.GAN



gidi<sub>6</sub>

UD.ĜI×ÁŠ



kaz<sub>9</sub>

UD.KA.BAR



sipar; zabar; zibar

UD.GIŠ%GIŠ.NUN



buranun; buranuna; buranunu; burunun; burununa; sippar; zimbir

UD.KID



nigin<sub>x</sub>

UD.KÚŠU



ah<sub>6</sub>; akšak; garu; ħuya; keš<sub>18</sub>; keš<sub>i18</sub>; kúa; kuia; kuša<sub>x</sub>; kùšu; kúwa; kúya; u<sup>ᵇ</sup><sub>4</sub>; úĥ; úĥu

UD.MÁ.AB×ĦA



sirara<sub>4</sub>

UD.MÁ.AB×ĦA.KI.TAG



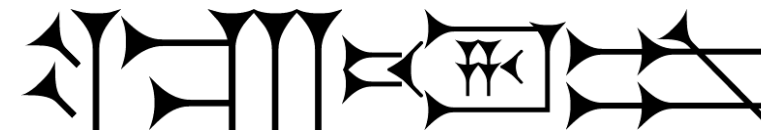
sirara<sub>6</sub>

UD.MÁ.AB×ḪA.ŠIR



sírara

UD.MÁ.AB×ḪA.TAG



sírara

UD.MI



No syllabic value exist

UD.ḪU.ḪI.NUN



abbununna; abbununnu; ibbanunna; abbununna<sub>x</sub>; abbununnu<sub>x</sub>; ibbanunna<sub>x</sub>

UD . HU . HI . NUN . NA

[illegible]

abbununna<sub>x</sub>; abbununnu<sub>x</sub>; ibbanunna<sub>x</sub>

UD . ҮІ . ҮУ . ҮІ . NUN . NA

## No syllabic value exist

UD . HU . HI . HU . KI

[illegible]

## No syllabic value exist

UD. HÚB



## No syllabic value exist

UD.NI

abnu; atum<sub>x</sub>; na<sub>x</sub>; ya<sub>x</sub>; za<sub>x</sub>



abnu; atom<sub>x</sub>; na<sub>x</sub>; ya<sub>x</sub>; za<sub>x</sub>

UD.NUN

𐤅𐤃𐤍

adab; adaba; arab; darengal; durungal; isurungal; suruengal; surungal;  
surugal; turungal; usab



adab; adaba; arab; darengal; durungal; isurungal; suruengal; surungal;  
surugal; turungal; usab

UD.SAL. HÚB


MF-III

algames; algameš; algamis



algames; algameš; algamis

UD.SAR

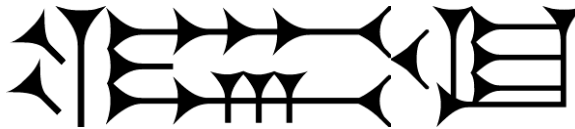


šara<sub>x</sub>; šarag<sub>x</sub>; u<sub>4</sub>-sakar



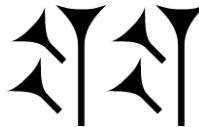
šara<sub>x</sub>; šarag<sub>x</sub>; u<sub>4</sub>-sakar

UD.ŠEŠ.KI



id<sub>x</sub>; iti<sub>x</sub>

UD.UD



bábar; bábbar; dadag; ḥaḥad; ḥaḥḥad<sub>x</sub>; ḥuḥud; lárág; tatam

UD.UD.AK



larag

UD×BAD

No sign exist

itud<sub>x</sub>

UD×MI

ítima; última

The diagram illustrates the UD×MI relationship between the words 'ítima' and 'última'. It features a horizontal bar at the top with the label 'UD×MI' on the left. Below the bar, the words 'ítima;' and 'última' are written in blue text, separated by a red semicolon. The 'ítima;' part is underlined. To the right of the words, there is a complex diagram consisting of several black arrows pointing in various directions, representing the morphological and syntactic relationships between the two words.

ítima; última

UD x EŠ

a<sub>13</sub>; arĥu; du<sub>16</sub>; id<sub>8</sub>; iti; itid; itu; itud; u<sub>22</sub>

$$a_{13}; \quad ar_{\mathfrak{h}u}; \quad du_{16}; \quad id_8; \quad iti; \quad itid; \quad itu; \quad itud; \quad u_{22}$$

UD×EŠ.AN.ŠEŠ.KI

iti<sub>7</sub>

$$iti_7$$

UD×EŠ.DU

**No syllabic value exist**

## No syllabic value exist



UD×EŠ-gunû

No sign exist

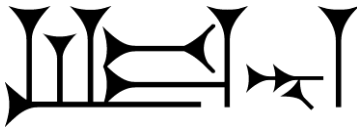
mur<sub>x</sub>; muru<sub>x</sub>; murub<sub>x</sub>; nesaĝ<sub>x</sub>; nisaĝ<sub>x</sub>; saĝ<sub>x</sub>; zaĝ<sub>x</sub>

UD-180°

No sign exist

No syllabic value exist

UDUG



rābiṣu; šēdu; gidim<sub>4</sub>; šédu; udu<sub>x</sub>; udug; utug

UD-gunû



mur<sub>x</sub>; muru<sub>13</sub>; murub<sub>6</sub>; nèsag; nìsag; sag<sub>x</sub>

UD-šeššig



itud<sub>x</sub>

UD-šeššig.KID



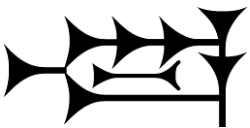
ni<sub>11</sub>; nigin<sub>10</sub>

UD-šeššig.KÚŠU



àkšak

UD-šeššig×BAD



íti; itid; itu; itud

UM



déḥ; déḥi; díḥ; díḥi; samag; sumug; šumug<sub>x</sub>; téḥ; téḥi; u<sub>16</sub>; um; umu

UM.LAGAB



samag<sub>x</sub>; sumug<sub>x</sub>

UM.ME



éme; emeda; um-me-da; ummeda

UM×LAGAB

No sign exist

samag<sub>5</sub>; sumug<sub>5</sub>

UM× (ME . DA)



èmeda; úmmeda

UM× ŠÀ

No sign exist

sámag; súmug

UM× U



sàmag; sùmug

UM× U . LAGAB



samag<sub>4</sub>; sumug<sub>4</sub>

Diagram illustrating the structure of a UMBIN block. The block is labeled "UMBIN" in purple. It contains a sequence of characters: "sig<sub>x</sub>;" in blue and "umbin" in blue. The characters are rendered in a blocky, stylized font.

sig<sub>x</sub>; umbin



UMBIN  $\times$  LU No sign exist

No syllabic value exist

**No sign exist**

## No syllabic value exist

Diagram illustrating the decomposition of the product of two numbers into a sum of products:

$$UMBIN \times MAS = UMBIN \times MA + UMBIN \times S$$

The diagram shows the product of two numbers,  $UMBIN \times MAS$ , decomposed into the sum of two products:  $UMBIN \times MA$  and  $UMBIN \times S$ . The text "No sign exist" is written in red, and "No syllabic value exist" is written in green.

**No sign exist**

## No syllabic value exist

UMUM

simug; umum; úmun

simug; umum; úmun



UMUM×DÙN–gunû

No sign exist

agarin<sub>x</sub>

UMUM×ḪA

No sign exist

agarin<sub>x</sub>

UMUM×KASKAL



abzu<sub>x</sub>; da<sub>9</sub>; dé; di<sub>8</sub>; dim<sub>6</sub>; du<sub>19</sub>; mum; mún; ninagal; si<sub>7</sub>; siu; ʔe<sub>5</sub>

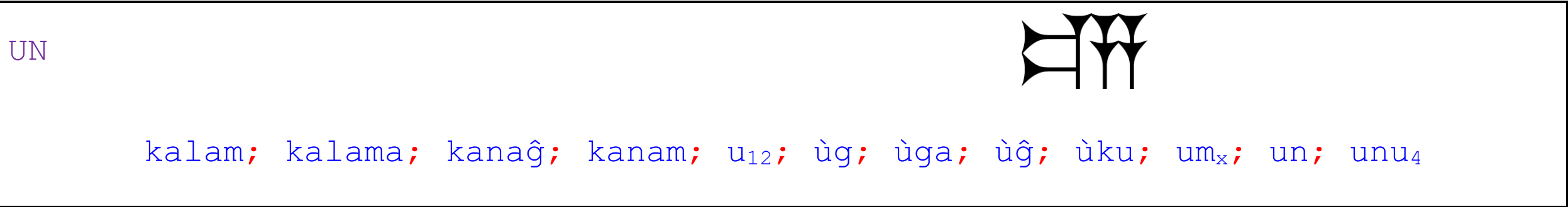
UMUM×PA



de<sub>x</sub>

UN

kalam; kalama; kanaĝ; kanam; u<sub>12</sub>; ùg; ùga; ùĝ; ùku; um<sub>x</sub>; un; unu<sub>4</sub>



UN

kalam; kalama; kanaĝ; kanam; u<sub>12</sub>; ùg; ùga; ùĝ; ùku; um<sub>x</sub>; un; unu<sub>4</sub>

UN-gun

$kalam_x$

No sign exist

UN-gun

$kalam_x$

No sign exist

UN-gun

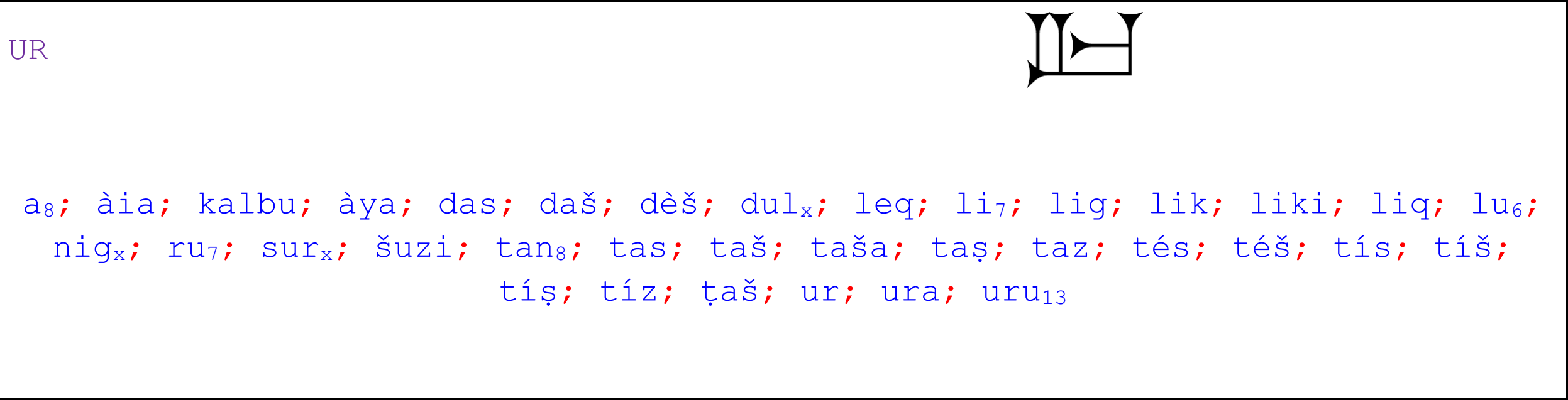
$kalam_x$

No sign exist

UR

𐎠𐎢𐎡𐎹

a<sub>8</sub>; àia; kalbu; àya; das; daš; dèš; dul<sub>x</sub>; leq; li<sub>7</sub>; lig; lik; liki; liq; lu<sub>6</sub>; nig<sub>x</sub>; ru<sub>7</sub>; sur<sub>x</sub>; šuzi; tan<sub>8</sub>; tas; taš; taša; taṣ; taz; téš; téš; tíš; tíš; tíṣ; tíz; ṭaš; ur; ura; uru<sub>13</sub>



UR

𐎱

a<sub>8</sub>; àia; kalbu; àya; das; daš; dèš; dul<sub>x</sub>; leq; li<sub>7</sub>; lig; lik; liki; liq; lu<sub>6</sub>; nig<sub>x</sub>; ru<sub>7</sub>; sur<sub>x</sub>; šuzi; tan<sub>8</sub>; tas; taš; taša; taṣ; taz; téš; téš; tíš; tíš; tíṣ; tíz; ṭaš; ur; ura; uru<sub>13</sub>

UR.MAḤ



neša

UR×A



duḷ<sub>x</sub>

UR×AL

No sign exist

suḥuš<sub>x</sub>

UR×MIN



No syllabic value exist



UR%UR



liri<sub>8</sub>; liru<sub>8</sub>; lirim<sub>8</sub>; ur-ur; urbigu; urbingu

UR&UR

No sign exist

No syllabic value exist

UR-180°





No sign exist

No syllabic value exist

URI



ari; kında; tila; tilla; ur<sub>10</sub>; uri; uru<sub>19</sub>

<p>ÙRI</p> <p>ùri; urim<sub>x</sub>; urin; ùru; urun</p>	
<p>URU</p> <p>al<sub>8</sub>; ala; ale; ali; alu; er<sub>4</sub>; ere; eri; ir<sub>4</sub>; iri; lu<sub>8</sub>; ré; rí; ru<sub>9</sub>; šig<sub>x</sub>; u<sub>19</sub>; ulu<sub>4</sub>; uru</p>	
<p>URU.ME.EŠ</p> <p>ála</p>	
<p>URU×A</p> <p>ar<sub>x</sub>; ararim; nag<sub>x</sub>; ru<sub>14</sub>; uru<sub>18</sub>; urua</p>	

URU×AŠGAB

No sign exist

No syllabic value exist

URU×BAR



barim<sub>x</sub>; kin<sub>5</sub>; ukken; ukkin; unken; unkin; unkin<sub>x</sub>

URU×DÀRA

No sign exist

No syllabic value exist

URU×DUN

No sign exist

No syllabic value exist

URU×GA



šàkir; šàkira; šìkira

URU×GA-gunû

No sign exist

No syllabic value exist

URU×GAL

No sign exist

arali<sub>x</sub>; urugal<sub>x</sub>

URU×GÁN-tenû



ru<sub>11</sub>; ub<sub>x</sub>; uru<sub>11</sub>; urub; urutamga

URU×GAR

èrim; erimma<sub>x</sub>; èrin; irimma<sub>x</sub>

èrim; erimma<sub>x</sub>; èrin; irimma<sub>x</sub>

URU×GU

gur<sub>5</sub>; guru<sub>5</sub>; gùruš; kur<sub>12</sub>; šakir; šakira; šakiri; šeg<sub>x</sub>; šig<sub>x</sub>; šurum<sub>x</sub>; gu<sub>x</sub>

# THE

gur<sub>5</sub>; guru<sub>5</sub>; gùruš; kur<sub>12</sub>; šakir; šakira; šakiri; šeg<sub>x</sub>; šig<sub>x</sub>; šurum<sub>x</sub>; gu<sub>x</sub>

URU × ḪA

𒌦𒊕𒍪

irišeb; urušeb; urušib



irišeb; urušeb; urušib

URU×IGI

𒌦𒌦𒌦𒌦

nūr-ili; asa<sub>x</sub>; asal; asar; asara; asari; asaru; banšur<sub>x</sub>; ílumer; íšḫuru;  
silig; šilig; asal<sub>x</sub>; silig<sub>7</sub>; šilig<sub>7</sub>

三

nūr-ili; asa<sub>x</sub>; asal; asar; asara; asari; asaru; banšur<sub>x</sub>; ílumer; íšḥuru;  
silig; šilig; asal<sub>x</sub>; silig<sub>7</sub>; šilig<sub>7</sub>

URU×IM	No sign exist
$\text{bun}_x$	
URU×IŠ	No sign exist
No syllabic value exist	
URU×KI	No sign exist
No syllabic value exist	
URU×LAK668	No sign exist
No syllabic value exist	

URU×LÙ

No sign exist

No syllabic value exist

URU×LUM

No sign exist

No syllabic value exist

URU×MIN



gàl; gišgal; ĝišgal; lu<sub>7</sub>; qàl; sùk; u<sub>18</sub>; ul<sub>12</sub>; ùlu; uru<sub>17</sub>; zìk; ulu<sub>x</sub>

URU× (MIN.IGI)

No sign exist

No syllabic value exist

URU× (MIN . IM)

No sign exist

No syllabic value exist

URU× (MIN . NI . GA)

No sign exist

šakir<sub>x</sub>; šakira<sub>x</sub>

URU× PA

No sign exist

No syllabic value exist

URU× SIG<sub>4</sub>

No sign exist

No syllabic value exist



URU×ŠE

No sign exist

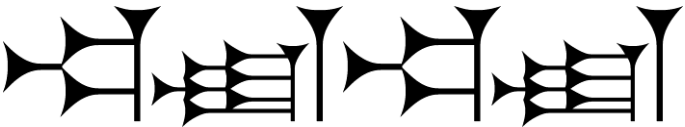
šeg<sub>x</sub>; šig<sub>x</sub>

URU×TU



sig<sub>x</sub>; šeg<sub>5</sub>; šig<sub>5</sub>

URU×TU.URU×TU



šeššeg

URU× (U.GUD)



No syllabic value exist

URU×UD



ararim<sub>x</sub>; erarim<sub>x</sub>; eri<sub>x</sub>; erim<sub>6</sub>; erin<sub>6</sub>; ru<sub>4</sub>; úru; urum<sub>x</sub>; ururim; urušib<sub>x</sub>;  
úrutamga

URU×URUDA



bansur; banšur; banšura; panšur; silig<sub>5</sub>; šilig<sub>5</sub>

URU× (MIN.URUDA)


No sign exist

No syllabic value exist

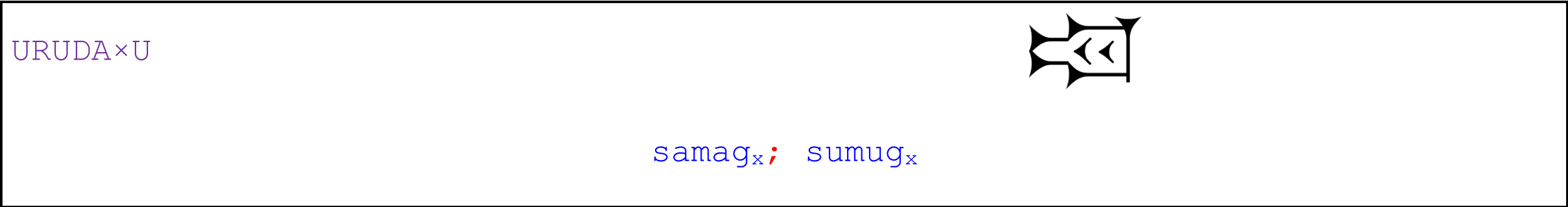
URUDA




da<sub>5</sub>; dab<sub>6</sub>; mebulug; menbulug; minbulug; šén; urud; uruda; urudu

URUDA  $\times$  U 


samag<sub>x</sub>; sumug<sub>x</sub>



URUDA  $\times$  U 

samag<sub>x</sub>; sumug<sub>x</sub>

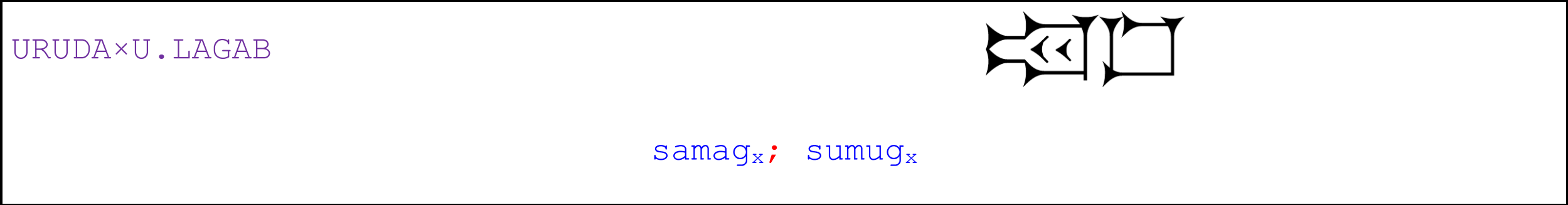
URUDA×U.LAGAB




samag<sub>x</sub>

;

sumug<sub>x</sub>



URUDA×U.LAGAB



samag<sub>x</sub>

;

sumug<sub>x</sub>



URUDA×U.U



samag<sub>x</sub>

URU-gunû

No sign exist

No syllabic value exist

URU-gunû


No sign exist

No syllabic value exist

URU-gunû

No sign exist

No syllabic value exist

UR-šeššig   
dul<sub>9</sub>; šudul<sub>4</sub>; šudul<sub>5</sub>; šudun<sub>5</sub>; šutul<sub>5</sub>; šutun<sub>5</sub>; tul<sub>7</sub>



$\text{dul}_9; \text{šudul}_4; \text{šudul}_5; \text{šudun}_5; \text{šutul}_5; \text{šutun}_5; \text{tul}_7$

`úr`; `uru8`



úr; uru<sub>8</sub>

Diagram illustrating the relationship between  $UR-180^\circ$  and the existence of signs and syllabic values.

$UR-180^\circ$  is shown on the left, and **No sign exist** is shown on the right, connected by a horizontal line.

Below the horizontal line, the text **No syllabic value exist** is displayed.

**No sign exist**

## No syllabic value exist

$\mathcal{U} \times \mathcal{A}$  No sign exist

$\text{arina}_x$

**No sign exist**

$$\text{arina}_x$$

ÚR× (A . ȚA)



urum<sub>9</sub>

ÚR× (A . NA)

No sign exist

No syllabic value exist

ÚR×AL



No syllabic value exist

ÚR×ȚA



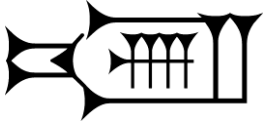
eren<sub>8</sub>; erim<sub>7</sub>; erin<sub>9</sub>; uru<sub>x</sub>; urum<sub>4</sub>

ÚR×KÍD

No sign exist

No syllabic value exist

ÚR×NUN



ušbar; ušbur

ÚR×UD

No sign exist

No syllabic value exist

ÚR×Ú



urum<sub>8</sub>; ušbar<sub>7</sub>; ušbur<sub>7</sub>

ÚR× (Ú.AŠ)



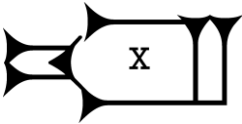
muru<sub>4</sub>; murum<sub>4</sub>; ur<sub>9</sub>; uru<sub>7</sub>; úrum; ùšbar; ùšbur

ÚR× (Ú.BI)

No sign exist

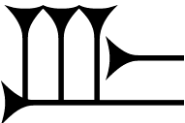
No syllabic value exist

ÚR×X



No syllabic value exist

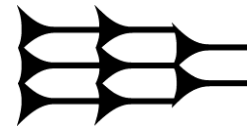
UR<sub>4</sub>



gur<sub>15</sub>; ur<sub>4</sub>; ura<sub>4</sub>




Diagram 1: A horizontal line with a vertical line intersecting it. The vertical line has a small circle at the top and a small circle at the bottom. The horizontal line has a small circle at the left and a small circle at the right. The intersection is labeled 'u'.




UTUKI

utudi; utuki



UTUKI

utudi; utuki





UZU





šer<sub>4</sub>; šeru; šir<sub>4</sub>; širam; širim; širu; širum; usu<sub>x</sub>; uzu

UZU

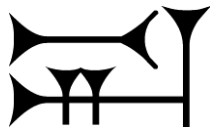
šer<sub>4</sub>; šeru; šir<sub>4</sub>; širam; širim; širu; širum; usu<sub>x</sub>; uzu





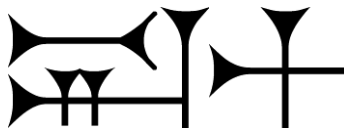
ÙZ	
sur <sub>x</sub> ; ud <sub>5</sub> ; uda <sub>5</sub> ; ùs; ut <sub>5</sub> ; ùz; ùza; uzud	
ÙZ . KASKAL	
guana	
ÙZ × KASKAL	
qablu; me <sub>x</sub>	
U-gunû	
bur <sup>3</sup> u	

UŠ



gèš; gîš; guruš<sub>x</sub>; êèš; êîš; iš<sub>10</sub>; meš<sub>x</sub>; miš<sub>x</sub>; ned; nid; ninta; nintaḥ;  
nintaḥu; net; neṭ; nit; nita; nitaḥ; nitaḥu; nitta<sub>x</sub>; niṭ; unu<sub>8</sub>; ús; úsa; úsu;  
uś; uš; úş; úz

UŠ.BAR




uttu<sub>5</sub>; uṭu<sub>5</sub>

UŠ.BU.DA



araḥ<sub>x</sub>

UŠ.DAM 


gídlam; gítlam; ĝídlam; ĝítlam; mada<sub>x</sub>; nídalam; nídlam; nítadam; nítalam;  
nítlam



gídlam; gítlam; ġídlam; ġítlam; mada<sub>x</sub>; nídalam; nídlam; nítadam; nítalam;  
nítlam

UŠ . GA

bunga; bungu



bunga; bungu

UŠ . GÁ




No syllabic value exist



## No syllabic value exist


UŠ.KU

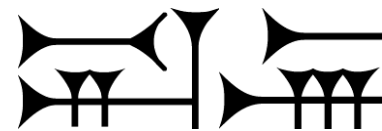


gal<sub>x</sub>; gala; nita<sub>x</sub>



gal<sub>x</sub>; gala; nita<sub>x</sub>

UŠ.SA  dída; piḥu<sub>5</sub>



dída; piḥu<sub>5</sub>

UŠ.SAL.DAM


𒌦𒍪𒀭

gìdlam; gìtlam; êìdlam; nìdalam; nìdlam; nìtalam; êìtlam; nìtlam



gìdlam; gìtlam; ãìdlam; nìdalam; nìdlam; nìtalam; ãìtlam; nìtlam

UŠ.TÚG.PI




úštu; úštug

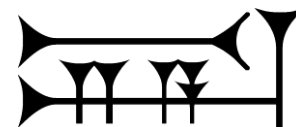


úštu; úštug

UŠ×A



kàš; kisi



kàš̌; kisi


$U\check{S} \times KU$ 

gala<sub>x</sub>

UŠ × KUR

**No sign exist**

geš<sub>x</sub>

$$\mathbb{U}\check{\mathbb{S}} \times \mathrm{TA}K_4$$


dan<sub>6</sub>; tan<sub>6</sub>

UŠUM<sub>x</sub>

**No sign exist**

$$u\check{s}um_x$$

UŠ<sub>x</sub>

## No sign exist

$$u\check{s}_x$$

ÚŠ



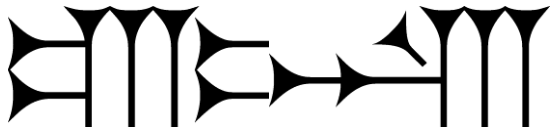
## No syllabic value exist

Ú



ba<sub>6</sub>; bu<sub>11</sub>; ħazabur; kazab; kazabu; kazabur; kazbi; kazbu; kilibu; keš<sub>x</sub>; kùš;  
kušum<sub>x</sub>; kuzbi; kuzbu; mašammi; maššam; mat šammi; pu<sub>11</sub>; sam; šam; tešbi; ú;  
uga<sub>x</sub>; wà; wu<sub>x</sub>

Ú.GÍR-gunû



ad<sub>5</sub>; àdda; áddu; aṭu; kiš<sub>16</sub>; kiša; kišeg; kišek; kiši<sub>16</sub>; kišig; kišik

Ú.GIŠ.MI



dimuš; dimmuš

Ú.GIŠ.SAR



muthum

Ú.KA



músug; múzug; úsug; úzug

Ú.KI.SUM.GA

gùd


# III. Results

# III. Results


Ú.KUR



No syllabic value exist



t



t

Ú.KUR.NI.TUK.KI

musug<sub>4</sub>; muzug<sub>4</sub>; usug<sub>4</sub>; uzug<sub>4</sub>

usug<sub>4</sub>; uzug<sub>4</sub>

usug<sub>4</sub>; uzug<sub>4</sub>

Ú.KUR.RA

šembirida; šimbirida

# MIT

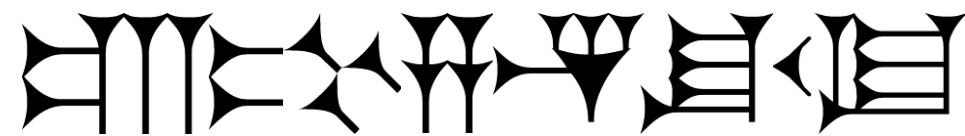
pirida

# MIT

pirida



Ú.KUR.ZA.MÙŠ-gunû.KI



namru; namri

Ú.NAGA



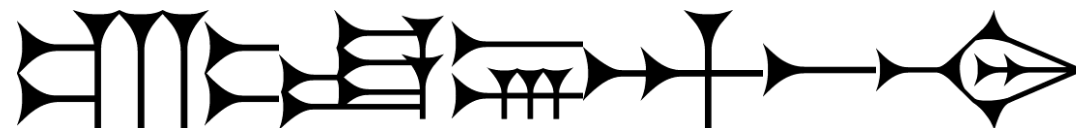
uga<sub>x</sub>

Ú.NAGA.GA



uga; uga<sub>x</sub>

Ú.NAGA.AN.AŠ.ŠIR



No syllabic value exist

Ú.NAGA.AN.ŠIR



No syllabic value exist

Ú.SA



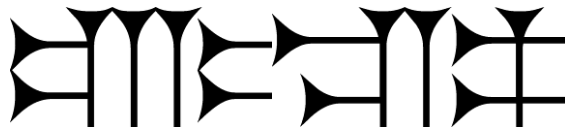
didax; piḥux

Ú.SA.KA.KAK



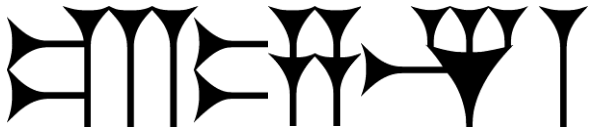
piḥux

Ú.SAG



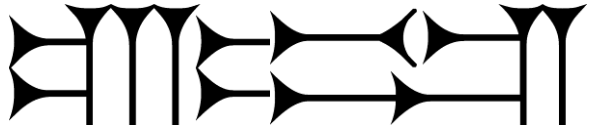
muzug; ùzug

Ú . ZA . MÙŠ



šuba<sub>x</sub>; šubu<sub>x</sub>

Ú . ÚR



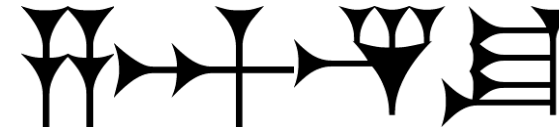
ušbar<sub>x</sub>

ZA



sà; ɣa; za; záɣga

ZA . AN . MŮŠ – gunû

šuba<sub>x</sub>; zannaru<sub>x</sub>

ZA . DÙN-gunû



nír

ZA.DÙN-gunû-gunû

nir<sub>7</sub>

ZA.GUL

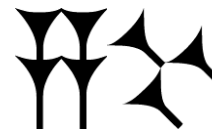


gag<sub>x</sub>; gug; guq

ZA. IB

nir<sub>5</sub>

ZA.KUR



geštae<sub>x</sub>; gíšta<sup>o</sup>e; gíšta<sup>o</sup>i; níra

ZA.KUR.A



zagindur

ZA.MÙŠ



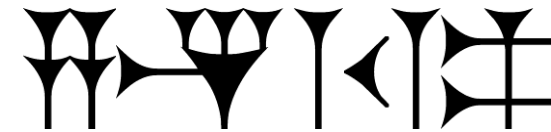
ħalba<sub>x</sub>; súba; šub<sub>8</sub>; šúba; šubu<sub>x</sub>; zánaru; zánnaru

ZA.MÙŠ.AB-gunû



súgal; zábala; zábalam

ZA . MÙŠ . DI



ámagi; ɥalba<sub>6</sub>; ɥalbi<sub>6</sub>, ɥalbu<sub>6</sub>; mábi; mámmi; se<sub>26</sub>; sed<sub>5</sub>

ZA.MÙŠ-gunû.DI



amagi<sub>4</sub>; ɣàlba; ɣàlbi; ɣàlbu; namru

ZA.MÙŠ-gunû



ḫàlba; ḫàlbi; ḫàlbu; suba; šub<sub>7</sub>; šuba; zannaru

ZA.MÙŠ-gunû.AB-gunû



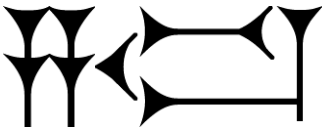
panu; sugal; unu<sub>11</sub>; zabala; zabalam

ZA.MÙŠ-gunû.EREN



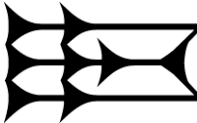


šušu<sub>x</sub>

ZA.NIM

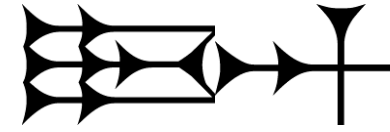


nìra

ZA.SU	
	nir <sub>4</sub>
ZAx	No sign exist
	za <sub>x</sub>
(4×ZA)×KUR	
	geš <sub>tae</sub> ; giš <sub>tae</sub> ; giš <sub>ta</sub> <sup>ḫ</sup> e; giš <sub>ta</sub> <sup>ḫ</sup> i; ĝeš <sub>tae</sub>
ZAG	
	bute; buti; butu; en <sub>7</sub> ; puta; pute; puti; putu; sa <sub>x</sub> ; sak <sub>6</sub> ; šak; zà; zag; zak; zaq; zik



ZAG.AN



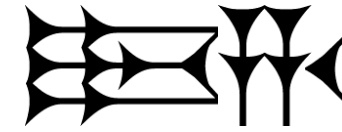
usug; uzug

ZAG.GA



būdu

ZAG. ҲА



būdu; enku; enkud; essad; ešsad; eššad

ZA-tenû



ad<sub>4</sub>; adda<sub>x</sub>; addu<sub>4</sub>

$ZA_7$  $z a_7$ ZAM<sub>x</sub>

**No sign exist**

$$z a m_x$$

ZÉ



se<sub>20</sub>; si<sub>20</sub>; şe; şı; zé; zí

ZI



sé; sí; şé; şí; ze; zi; zid; zìg

ZI.ME.U.U.U



ballatu

ZI & ZI



gug<sub>x</sub>; sum<sub>x</sub>

ZI&amp;ZI.A



aški<sub>x</sub>; gin<sub>x</sub>; gug<sub>x</sub>; lamaḥuš<sub>x</sub>; mud<sub>x</sub>; numun<sub>x</sub>; sùluḥu; sùlumḥi; šub<sub>x</sub>; zukum;  
zùluḥu; zùlumḥi

ZI&amp;ZI.ÉŠ



šub<sub>5</sub>

ZI&ZI.ÉŠ.ŠE



No syllabic value exist

ZI&ZI.LAGAB.ŠE



No syllabic value exist

ZI&ZI.LAGAB



aški; gin<sub>4</sub>; gug<sub>4</sub>; lamaḥuš; mud<sub>7</sub>; númun; sùluḥu; sùlumḥi; šub<sub>5</sub>; zukum; zùluḥu;  
zùlumḥi; gug<sub>x</sub>; sum<sub>x</sub>

ZIB



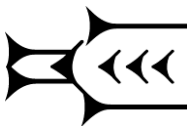
kad<sub>6</sub>; sīb; sìp; sum<sub>5</sub>; šib<sub>4</sub>; šib; šibi; šip; zeb; zib; zip; zúb

ZIB-kabatenû

No sign exist

No syllabic value exist

ZIG



ḥáš; ḥéš; ḥíš; šíb; zaq<sub>4</sub>; zéb; zíb; zig; zik; ziq; ziqi

ZÍZ.A



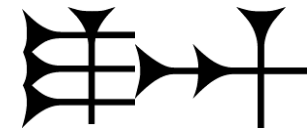
imġaġa<sub>x</sub>; imgaga<sub>x</sub>; udra<sub>x</sub>; úd-duru<sub>5</sub>

ZÍZ.A.AN



imgaga; imġaġa; kiraši; laḥra; udra; udru; ulušin

ZÍZ.AN

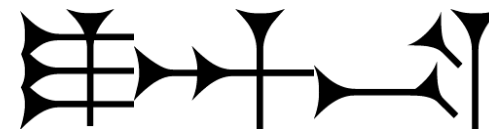


imgaga; im̃gãga; kiraši<sub>x</sub>; ùdra; ùlušin

imgaga; im̃gãga; kiraši<sub>x</sub>; ùdra; ùlušin

imgaga; im̃gãga; kiraši<sub>x</sub>; ùdra; ùlušin

ZÍZ.AN.NA



A horizontal bar chart titled 'imgaga' showing the frequency of different syllable types. The x-axis represents frequency from 0 to 10. The y-axis lists syllable types: 'imgaga', 'ímġaġa', 'kiraši<sub>x</sub>', 'údra', and 'úlušin'. The bars have the following frequencies: 'imgaga' (10), 'ímġaġa' (9), 'kiraši<sub>x</sub>' (8), 'údra' (7), and 'úlušin' (6).

Syllable Type	Frequency
imgaga	10
ímġaġa	9
kiraši <sub>x</sub>	8
údra	7
úlušin	6

$$ZIZ$$

$$z \perp z$$

ZÌ . LÙ



titab<sub>x</sub>

zì



gur<sub>x</sub>; guru<sub>x</sub>; kar<sub>x</sub>; kara<sub>x</sub>; kiri<sub>x</sub>; zì; zíd; zu<sub>x</sub>

ZU



ka<sub>14</sub>; ki<sub>6</sub>; sú; şú; za<sub>x</sub>; zu

ZU.AB



absu; abzu

ZU.PIRIG



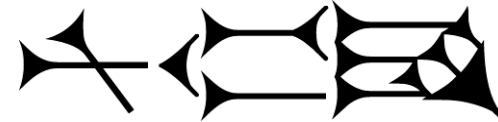
## No syllabic value exist

ZU&amp;ZU.SAR

## No sign exist

 $lum_x$ 

ZUBI



zub; zubi; zubu; zu<sub>8</sub>

ZUBUR



zábar; zubur

ZUM



garig; gázum; ħál; ħaš<sub>4</sub>; ri<sub>4</sub>; ríq; rîġ; rík; rim<sub>x</sub>; rîq; sim<sub>5</sub>; su<sub>14</sub>; sùm; šu<sub>15</sub>;  
 şim; şu; şum; zù; zum



ZUM.LAGAB



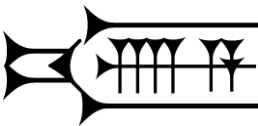
gazum<sub>x</sub>

ZU<sub>5</sub>



zu<sub>5</sub>

ZU<sub>5</sub>×A



azu; úšbar; úšbur; úzu

ZU<sub>5</sub>× (DIŠ-tenû.DIŠ-tenû.DIŠ-  
tenû)





No sign exist



No syllabic value exist

## Cuneiform Numbers and Punctuations

AŠ	𐎶
1	
DIŠ	𐎣
1	
AŠ . AŠ	𐎶𐎶
2	

MIN	2	
TAB	2	
EŠ <sub>16</sub>	3	
EŠ <sub>21</sub>	3	

EŠ <sub>6</sub>	3	
EŠ <sub>5</sub>	3	
LIMMU <sub>5</sub>	4	
TAB.TAB	4	

LIMMU	
LIMMU Variant Form	No sign exist
LIMMU Variant Form	No sign exist
LIMMU <sub>4</sub>	

TAB.TAB.AŠ

5

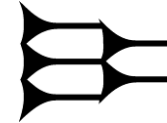
III

5




Diagram illustrating a 2D lattice structure with 9 sites. The top row contains 5 sites, and the bottom row contains 4 sites. The top-right site is shaded gray. The label  $IA_9$  is in the top-left corner, and the number 5 is in the center.

5




---

ÍA
5


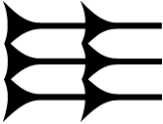



5



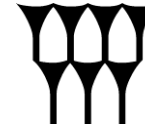
TAB.TAB.TAB
6


6



AŠ <sub>9</sub>	6	
ÀŠ	6	
TAB.TAB.TAB.AŠ	7	
ÌMIN	7	

IMIN



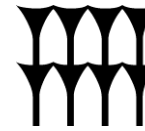
7

## IMIN Variant Form



7

USSU




8

USSU Variant Form

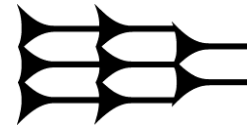


8



ÙSSU
8


8



TAB.TAB.TAB.TAB

8

IIII

8




TAB.TAB.TAB.TAB.AŠ

9



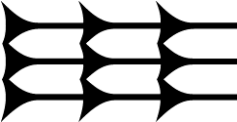



ILIMMU



9

9

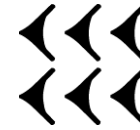


ÌLIMMU	9	
ILIMMU <sub>4</sub>	9	
DIŠ&DIŠ&DIŠ	9	
U	10	

U. íA	15	◀◀◀
MAN	20	◀◀
EŠ	30	◀◀◀
NIMIN	40	◀◀◀

NIMIN Variant Form	No sign exist	40
NINNU	◀◀◀ ◀◀	50
NINNU Variant Form	No sign exist	50
DIŠ	┐	60

6 (U)



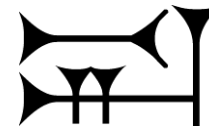
60

## 6 (U) Variant Form

**No sign exist**

60

UŠ



60

7 (U)



70

7 (U) Variant Form		No sign exist
	70	
8 (U)		◀◀◀◀ ◀◀◀◀
	80	
8 (U) Variant Form		No sign exist
	80	
9 (U)		◀◀◀◀◀ ◀◀◀◀◀
	90	

## 9 (U) Variant Form

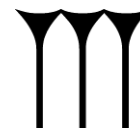
**No sign exist**

90

ME



100

EŠ<sub>5</sub>

180

LIMMU<sub>5</sub>

240



$\dot{I}A$ 

300

ÀŠ




360

7 (DIŠ)

420

8 (DIŠ)



480



9 (DIŠ)



540

IGI



1000

IGI-gunû



10000

1 (GEŠU)

**No sign exist**

600; 70

2 (GEŠU)	No sign exist
1200; 80	
3 (GEŠU)	No sign exist
1800; 90	
4 (GEŠU)	No sign exist
2400; 100	
5 (GEŠU)	No sign exist
3000; 110	



2 (ŠÁR)	No sign exist
7200	
3 (ŠÁR)	No sign exist
10800	
3 (ŠÁR) Variant Form	No sign exist
10800	
4 (ŠÁR)	No sign exist
14400	



5 (ŠÁR)	18000	No sign exist
6 (ŠÁR)	21600	No sign exist
7 (ŠÁR)	25200	No sign exist
8 (ŠÁR)	28800	No sign exist

9 (ŠÁR)

## No sign exist

32400

1 (ŠARU)

**No sign exist**

36000

2 (ŠARU)

## No sign exist

72000

3 (ŠARU)

**No sign exist**

108000



3 (ŠARU) Variant Form	No sign exist
108000	
4 (ŠARU)	No sign exist
144000	
5 (ŠARU)	No sign exist
180000	
ŠÁR×U	
36000	



ŠÁR×MAN	72000	◀◀
ŠÁR×EŠ	108000	◀◀◀
ŠÁR×NIMIN	144000	◀◀◀◀
ŠÁR×NINNU	180000	◀◀◀◀◀

ŠÁR×DIŠ	
216000	
ŠÁR× (GAL.DIŠ)	
216000	
ŠÁR× (GAL.MIN)	
432000	
1 (GÉŠ)	No sign exist



2 (GÉŠ)	No sign exist
3 (GÉŠ)	No sign exist
4 (GÉŠ)	No sign exist
5 (GÉŠ)	No sign exist

6 (GÉŠ)

No sign exist

7 (GÉŠ)

No sign exist

8 (GÉŠ)

No sign exist

9 (GÉŠ)


No sign exist

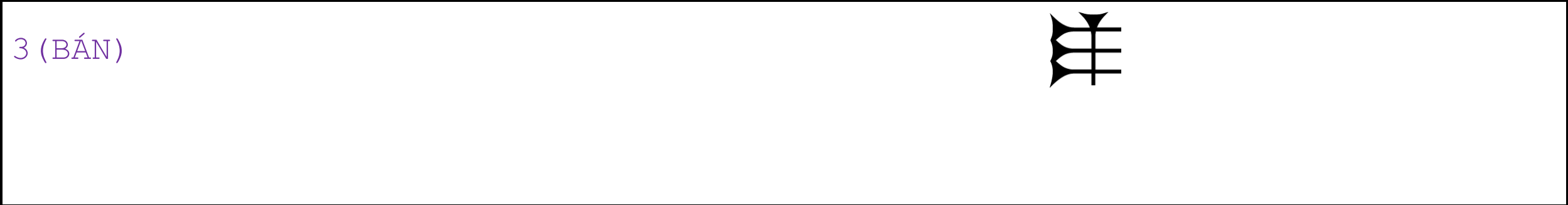
1 (BURU)	No sign exist
2 (BURU)	No sign exist
3 (BURU)	No sign exist
3 (BURU)	No sign exist

4 (BURU)	No sign exist
5 (BURU)	No sign exist
2 (AŠ-tenû)	No sign exist
3 (AŠ-tenû)	No sign exist


4 (AŠ-tenû)	No sign exist
5 (AŠ-tenû)	No sign exist
6 (AŠ-tenû)	No sign exist
1 (BÁN)	𒀭

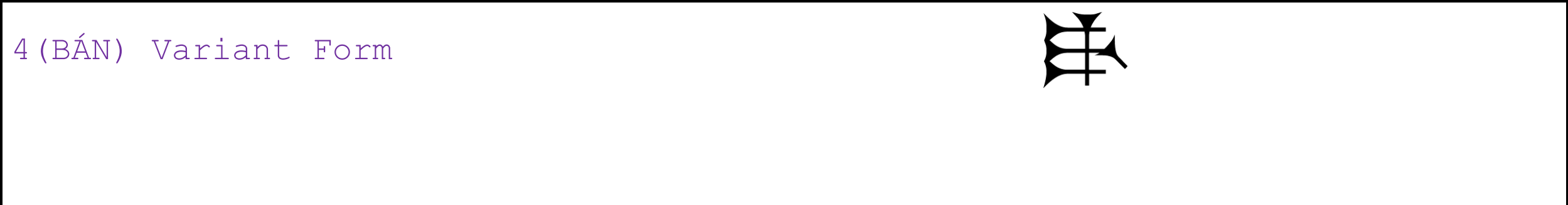
2 (BÁN)





4 (BÁN)







A horizontal sequence of 14 blue star-like icons connected by red lines. The 7th icon from the left is replaced by a red-bordered box containing the green number 652.

5 (BÁN)	𐌺𐌹𐌸𐌰
5 (BÁN) Variant Form	𐌺𐌹𐌸𐌰
NIGIDAMIN	𐌺𐌹𐌸𐌰
NIGIDAEŠ	𐌺𐌹𐌸𐌰

1 (ÈŠE)	𐎠𐎺𐎧
2 (ÈŠE)	𐎠𐎺𐎧𐎺𐎧
MAŠ	𐎠𐎵𐎲𐎠
ŠUŠANA	𐎲𐎠𐎶𐎠𐎶𐎠𐎶



ŠANABI	
	2/3
KINGUSILI	
	5/6
ŠUŠANA Variant Form	No sign exist
	1/3
ŠANABI Variant Form	No sign exist
	2/3

## One Eighth AŠ

1/8

## One Quarter AŠ

**No sign exist**

 $1/4$ 

## Old Assyrian



1 / 6

Old Assyrian

 $1/4$

One Quarter GUR

No sign exist

1/4

One Half GUR

No sign exist

1/2

Punctuation

No sign exist

Old Assyrian Word Divider

Punctuation

No sign exist

Vertical Colon

Punctuation

No sign exist

Diagonal Colon

Punctuation

No sign exist

Diagonal Tri-Colon

Punctuation

No sign exist

Diagonal Quad-Colon

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